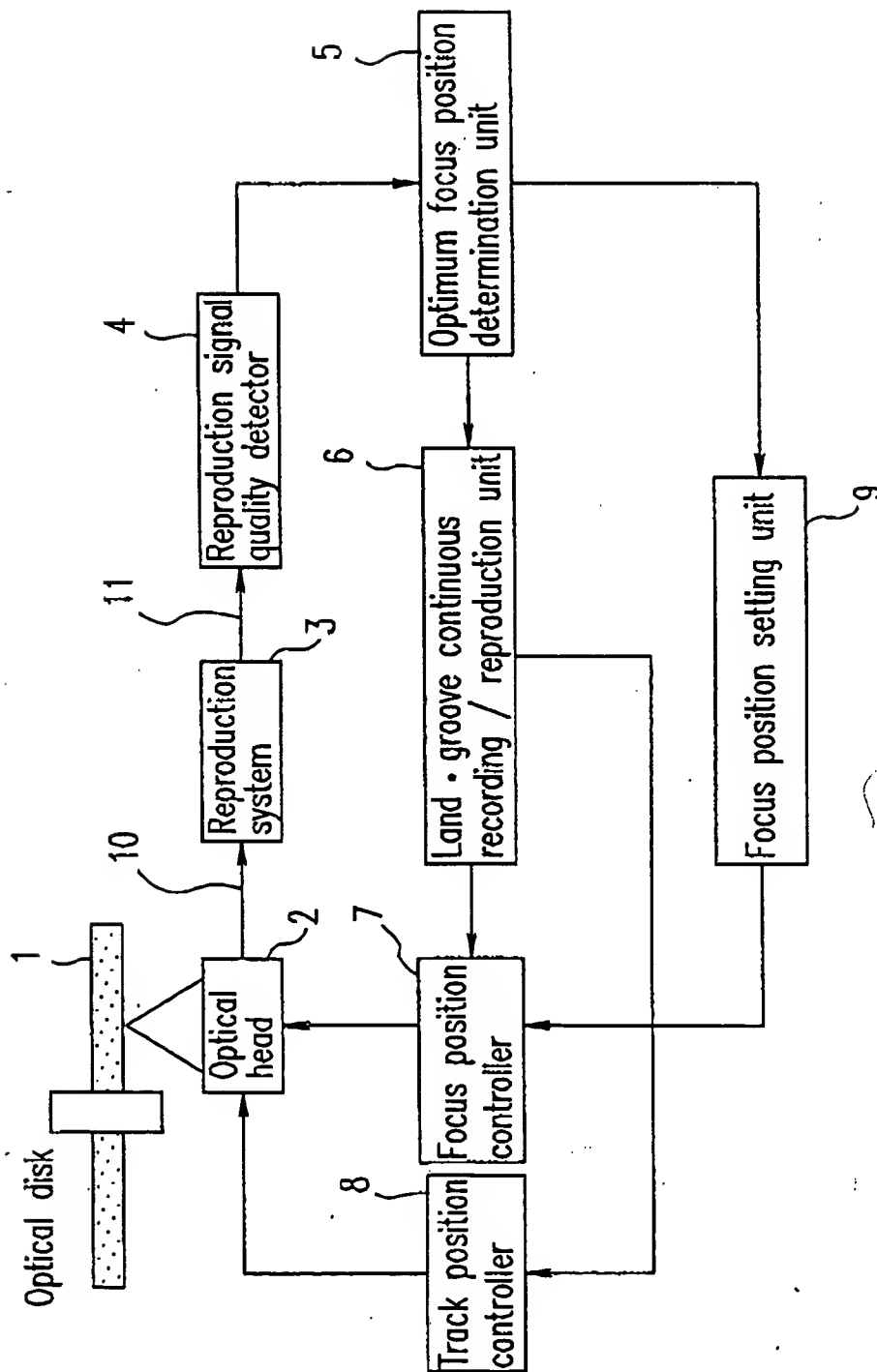
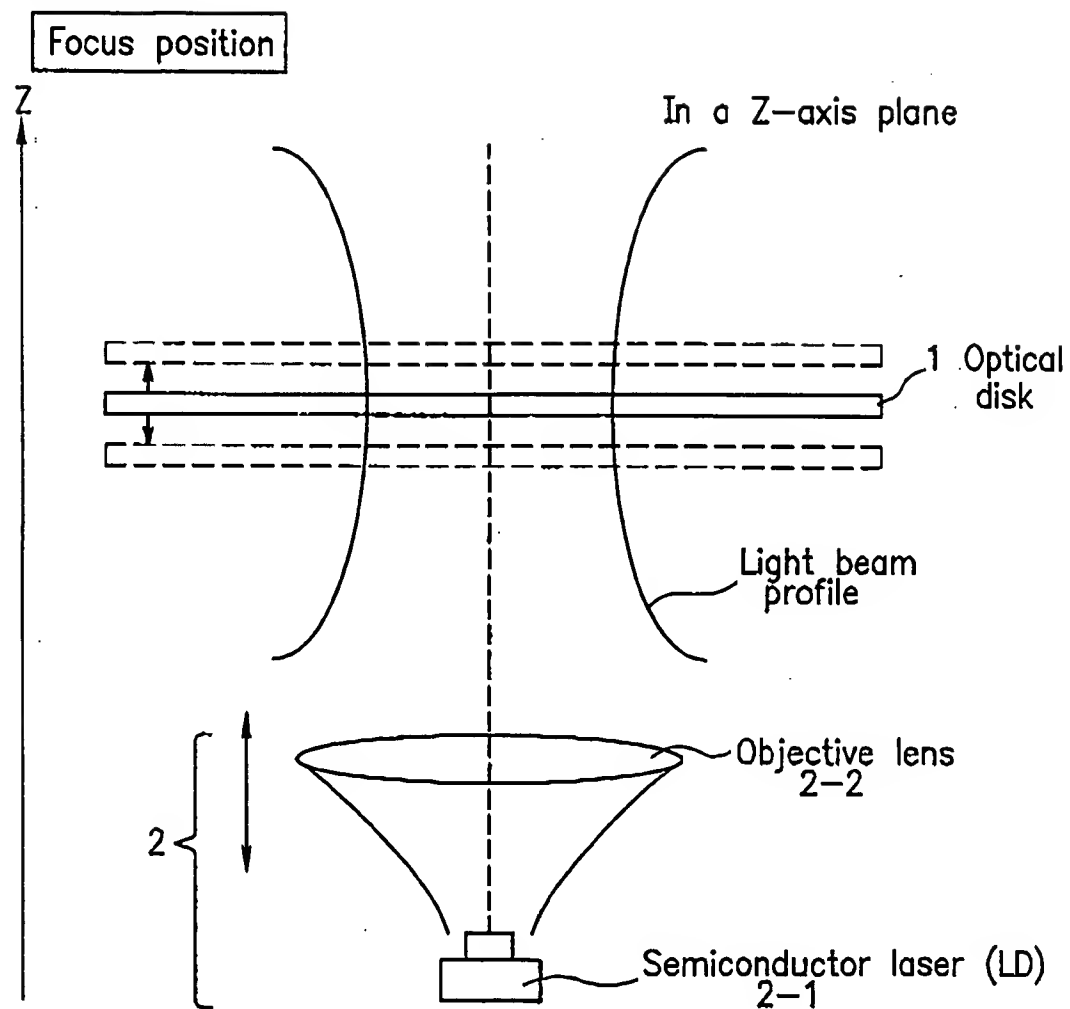


FIG. 1



**FIG. 2**



**SECRET**



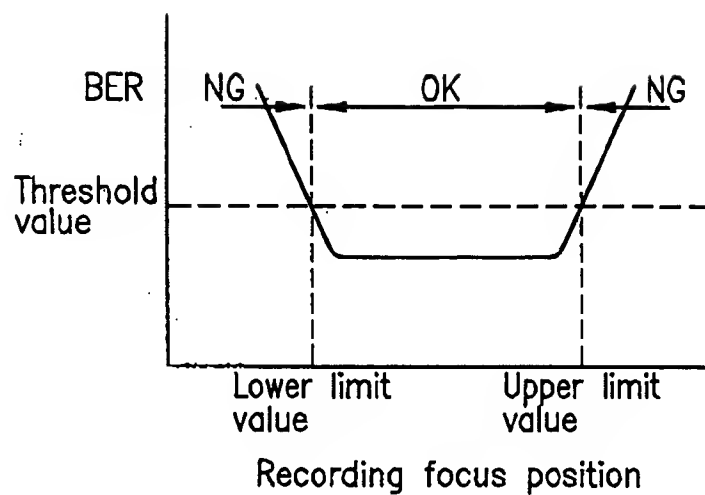
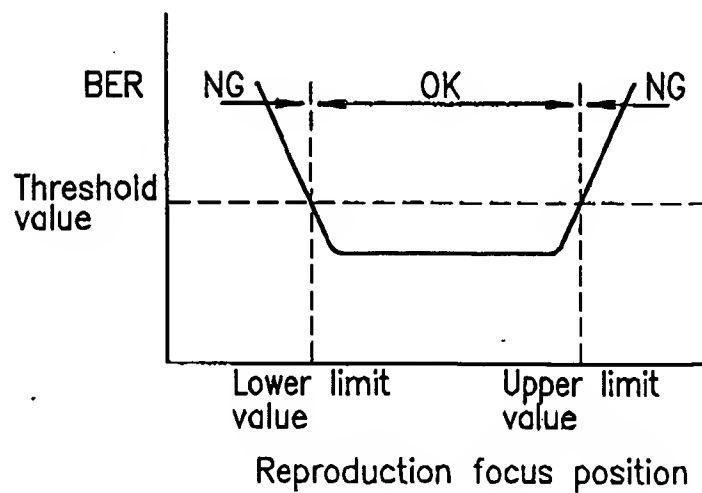
*FIG. 4A**FIG. 4B*

FIG. 5

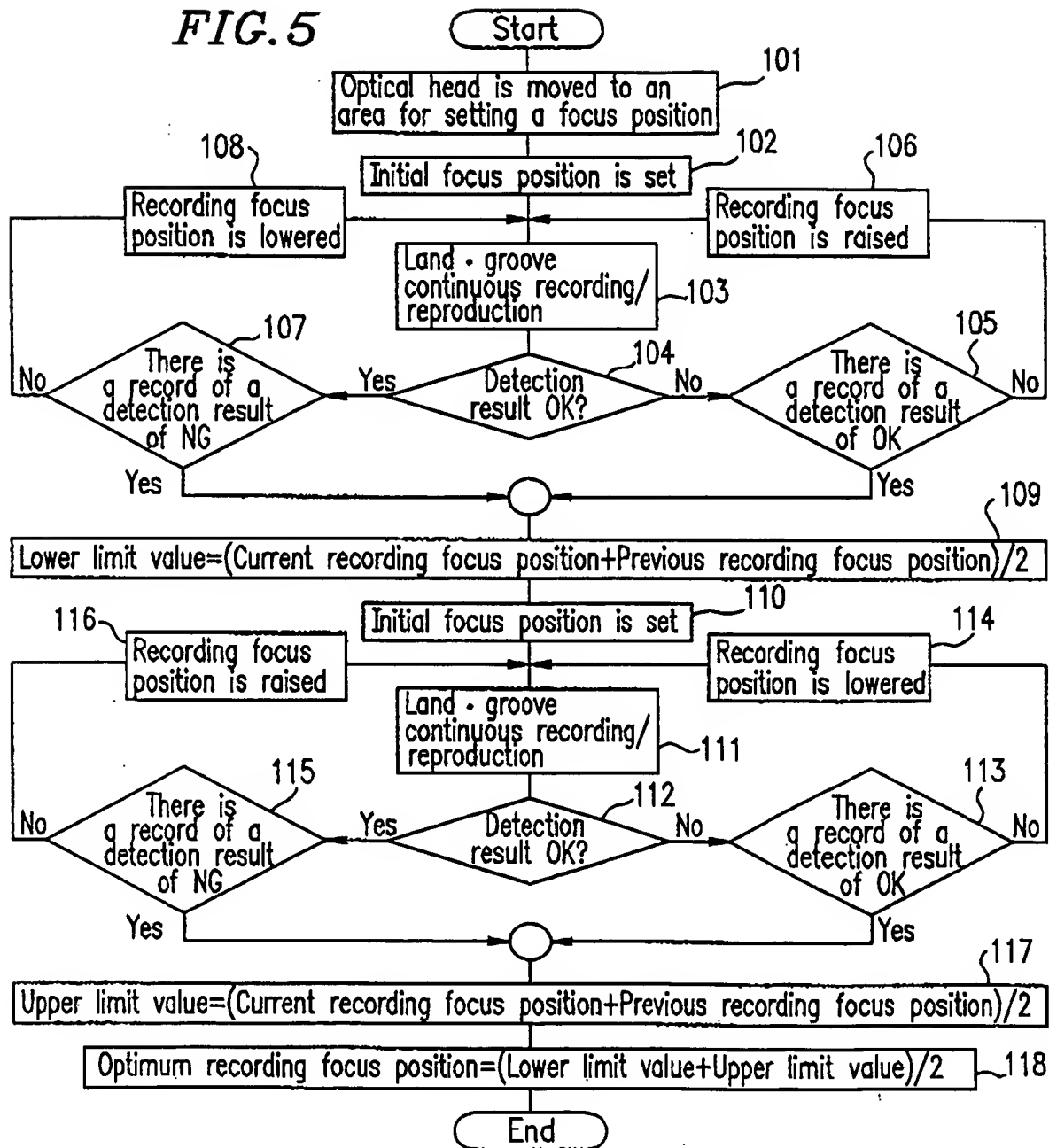
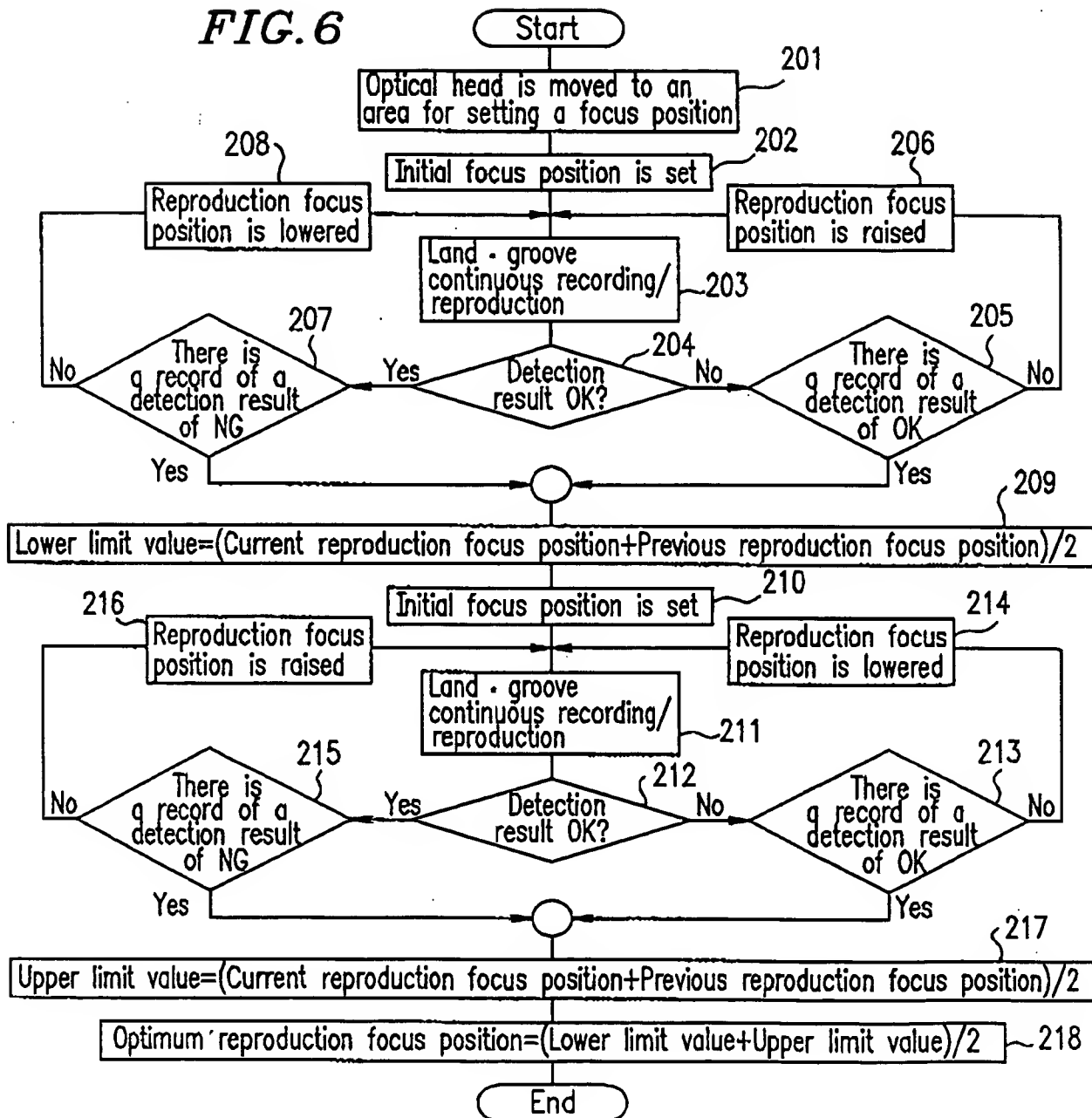
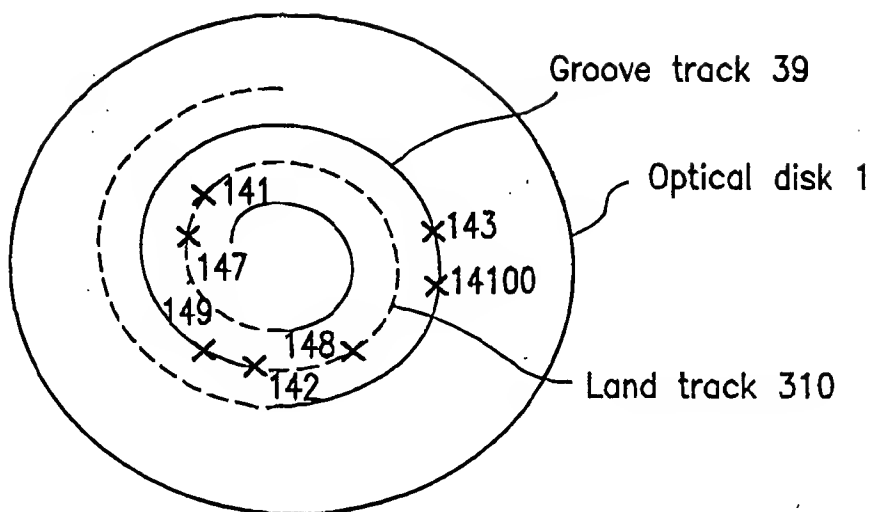


FIG. 6



**FIG. 7**



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**FIG. 10**

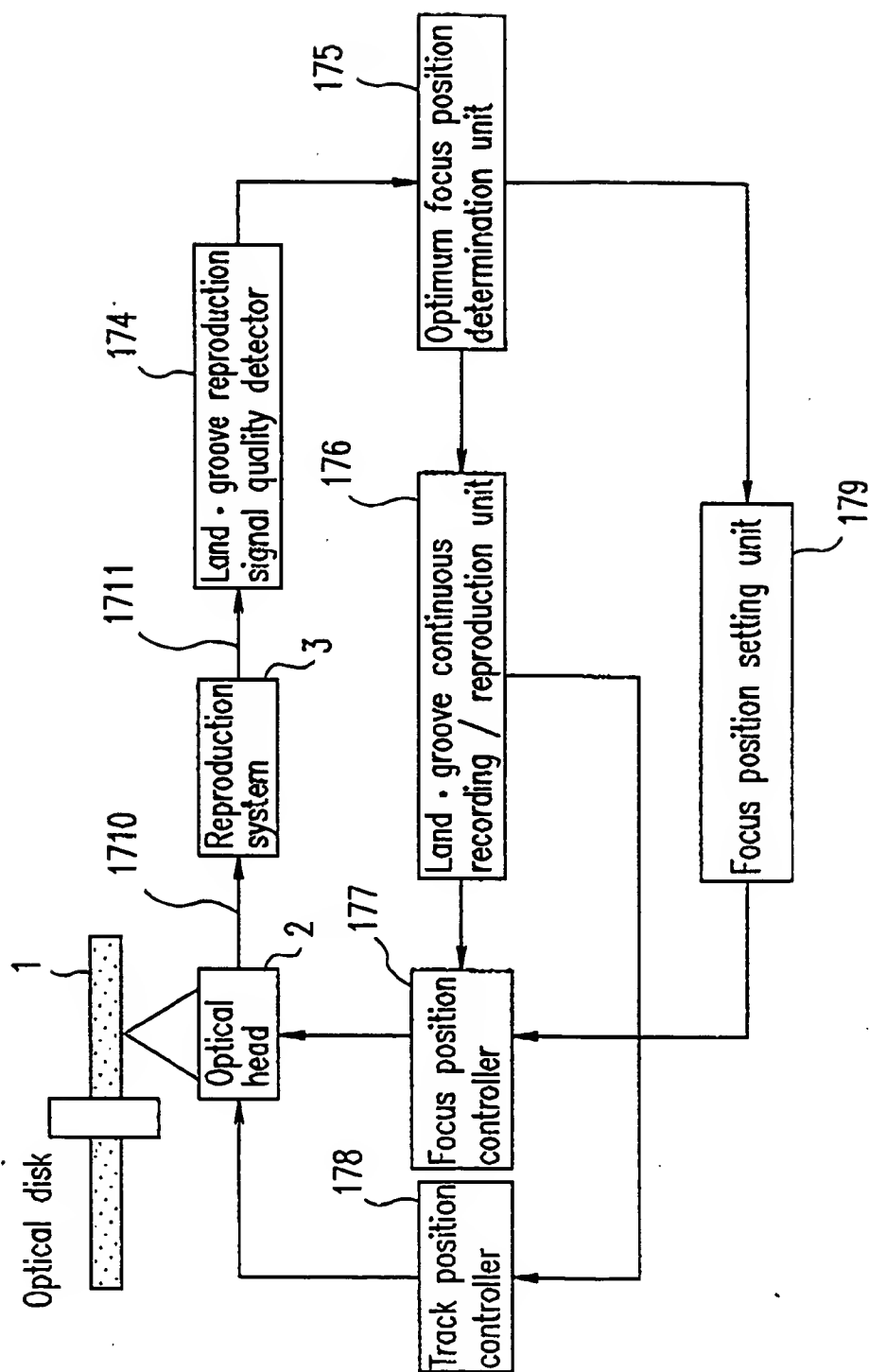
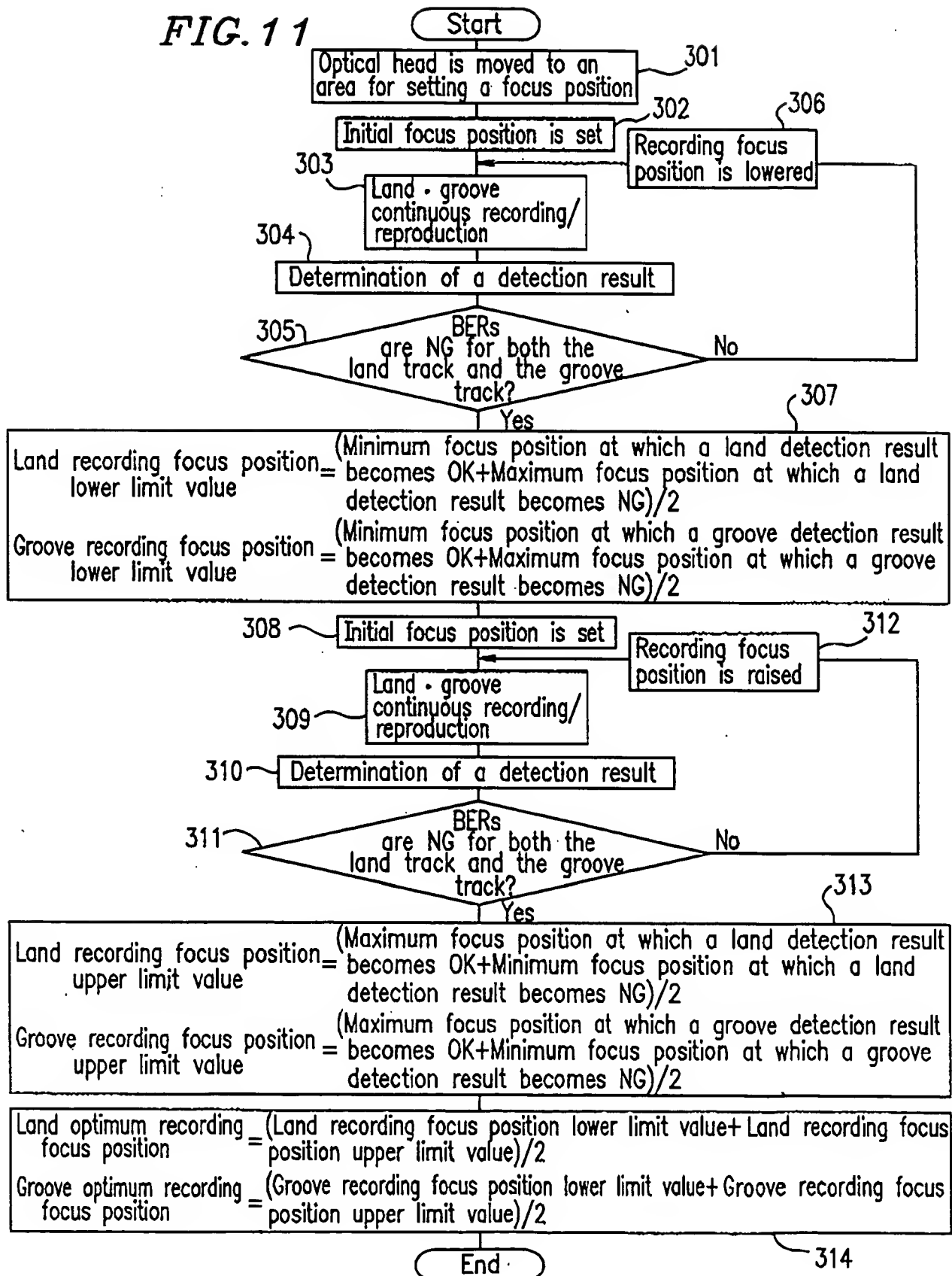


FIG. 11



Start

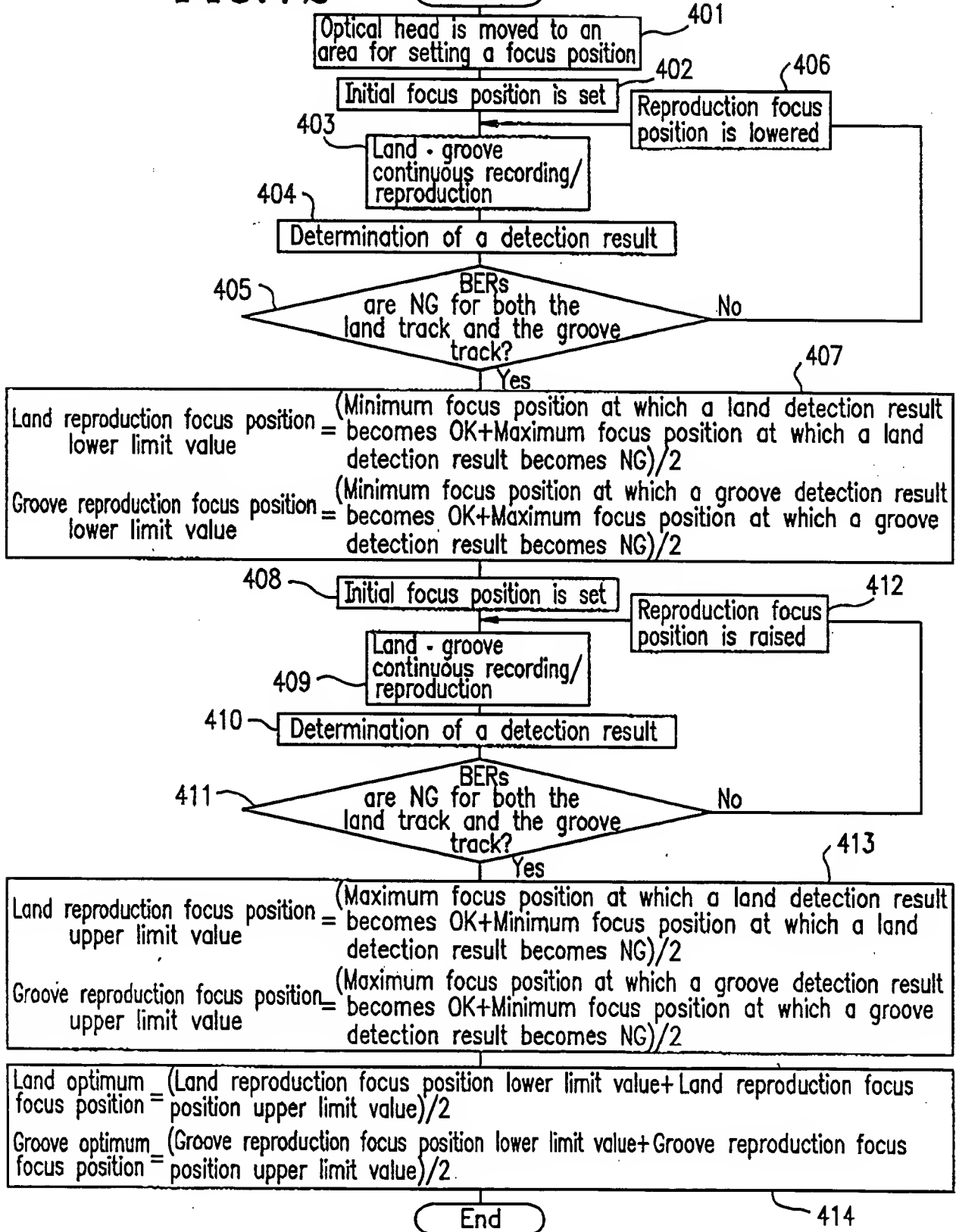
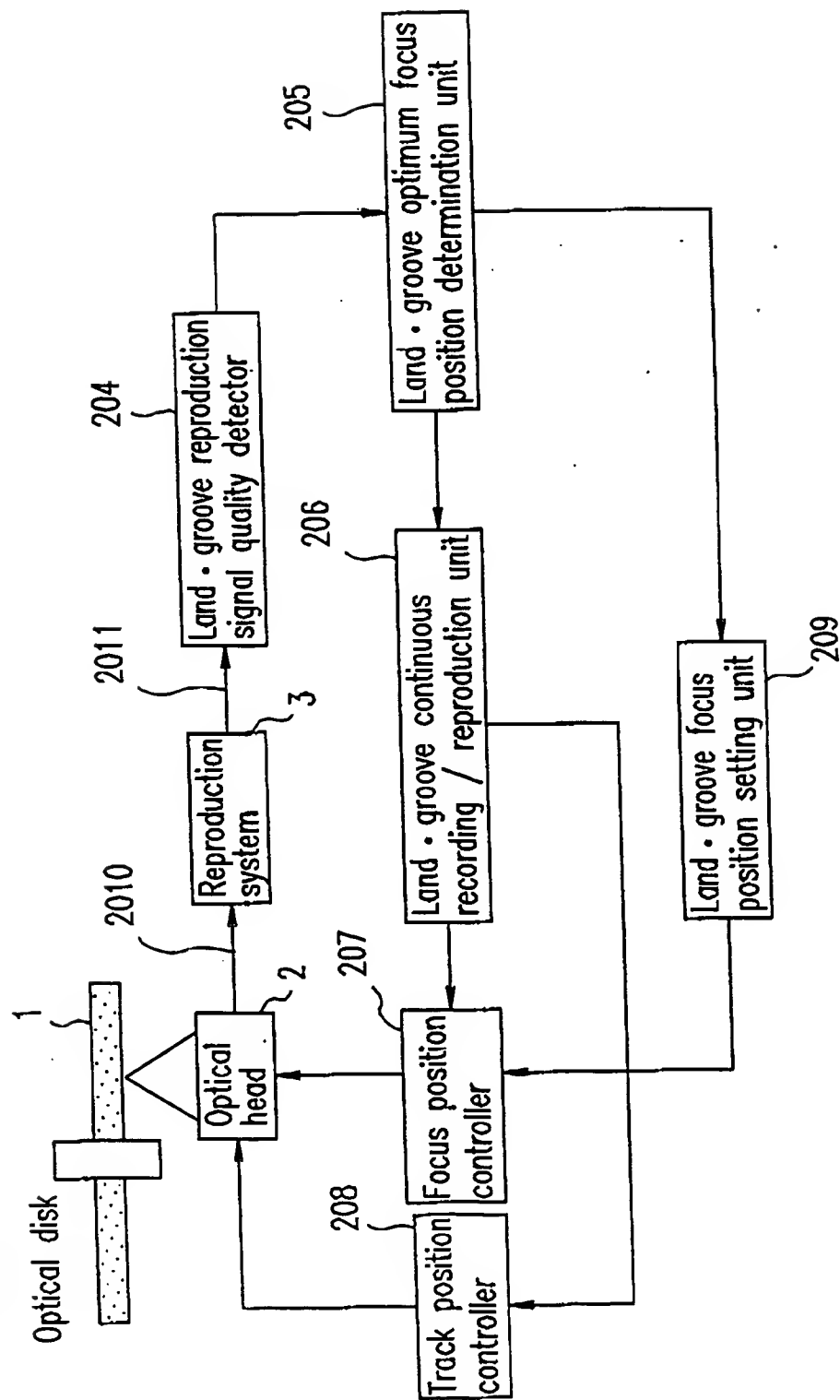
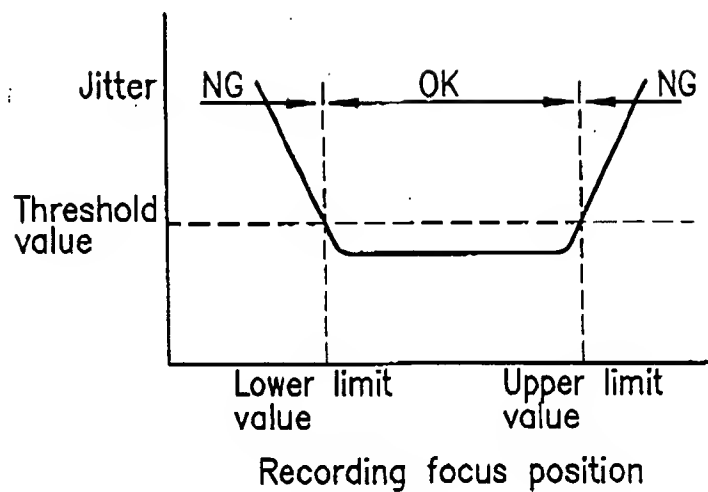
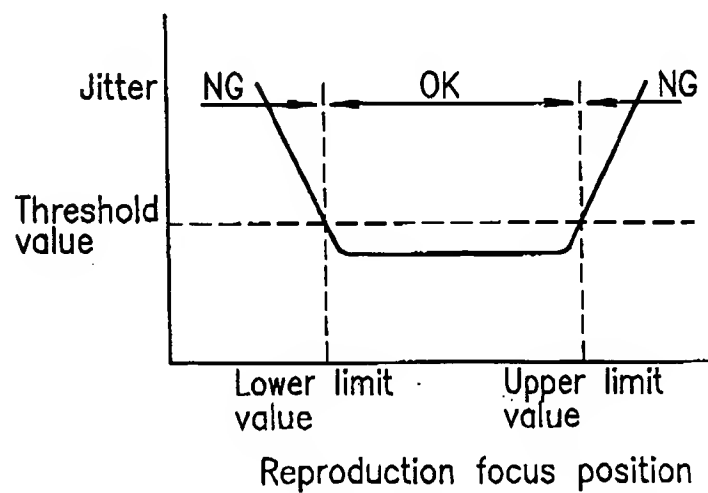


FIG. 13



*FIG. 14A**FIG. 14B*

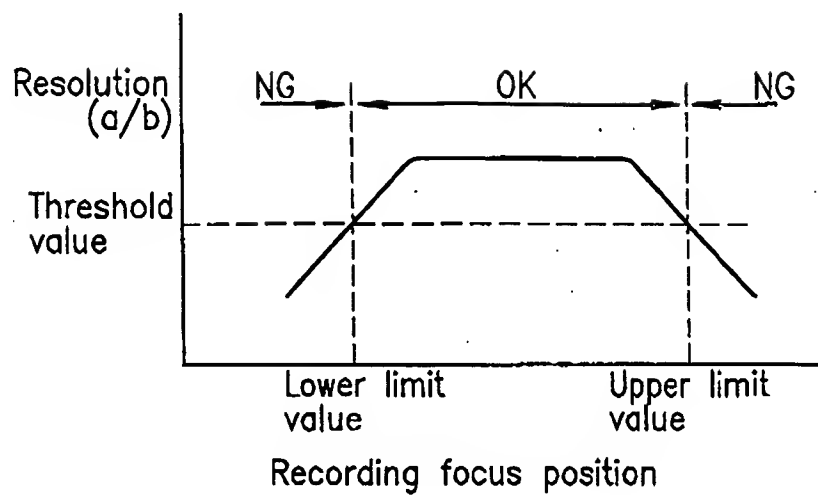
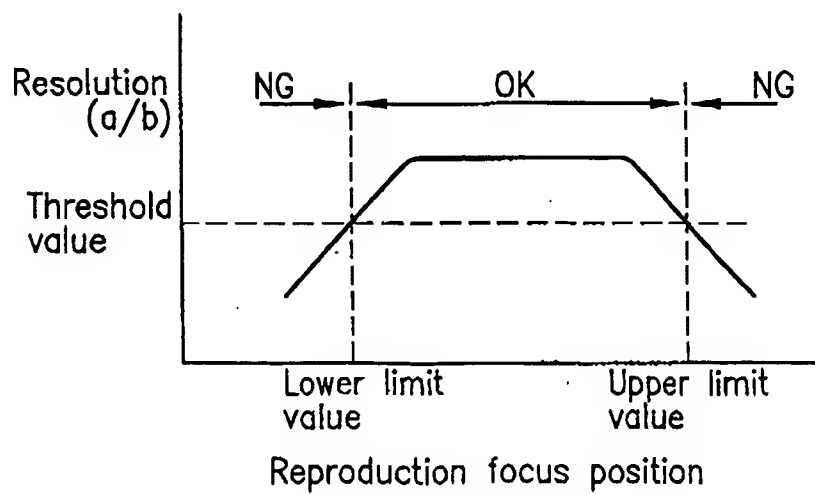
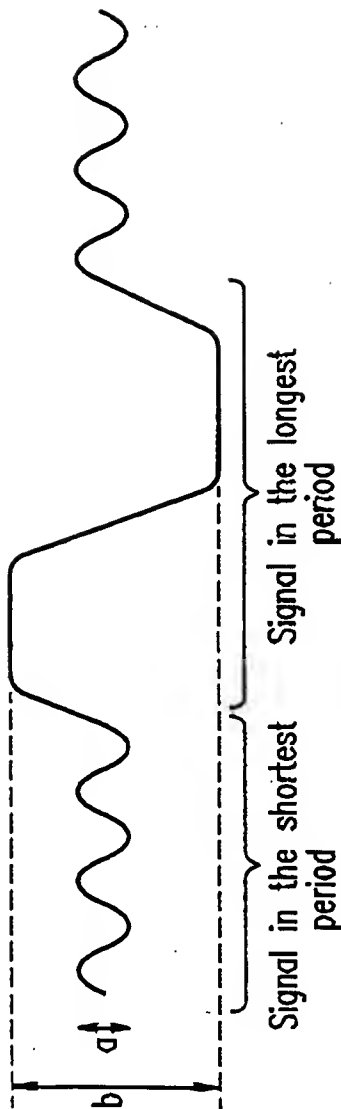
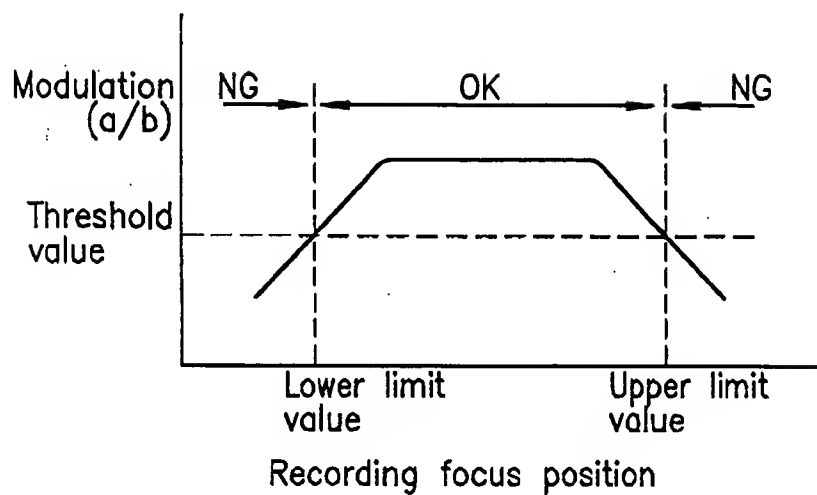
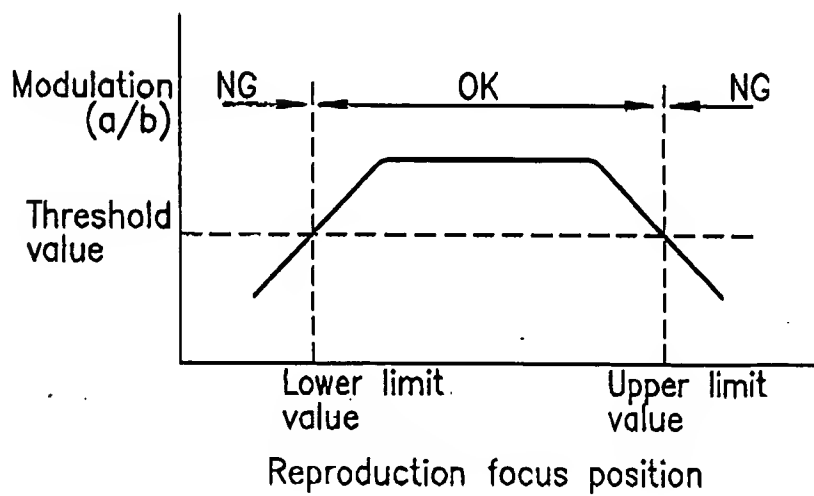
*FIG. 15A**FIG. 15B*

FIG. 16





*FIG. 17A**FIG. 17B*

A diagram showing a periodic wave. The wave oscillates between two horizontal dashed lines. The vertical distance between these two lines is labeled 'a'. The wave is positioned such that its average height above a solid horizontal line labeled 'GND' is indicated by a vertical double-headed arrow labeled 'b'.

FIG. 19A

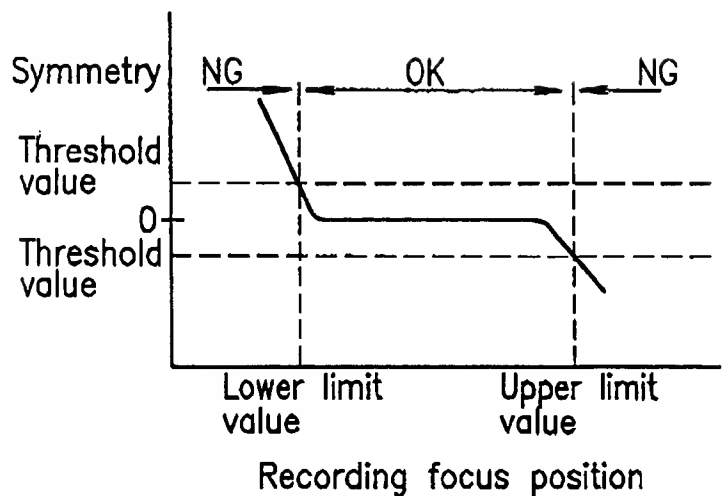
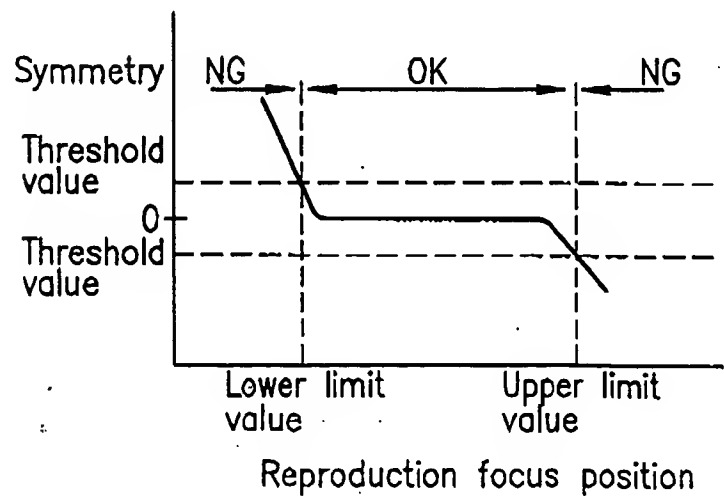
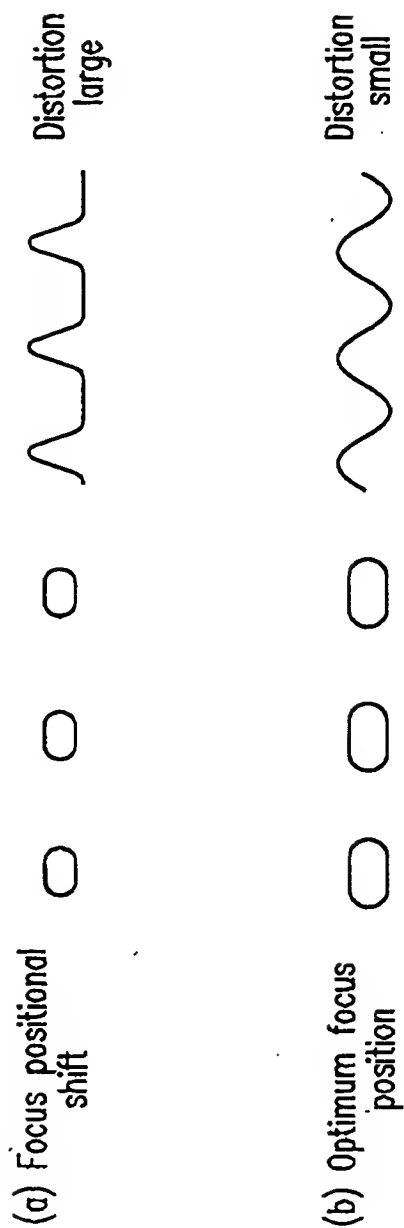


FIG. 19B



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**FIG. 20**



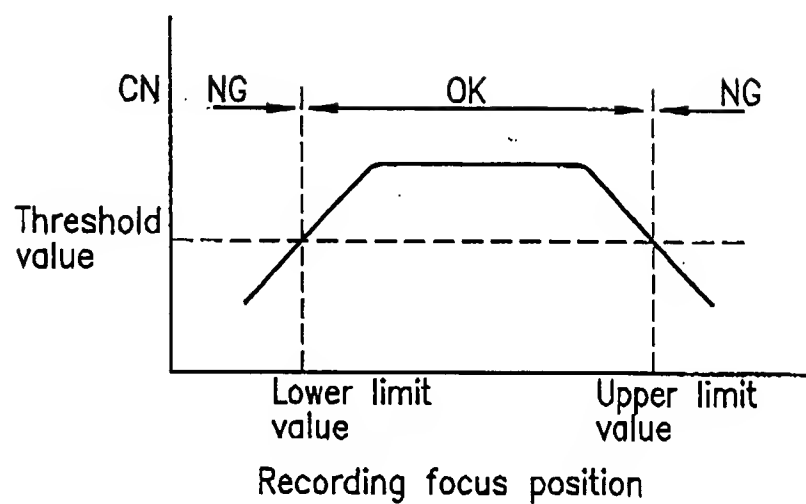
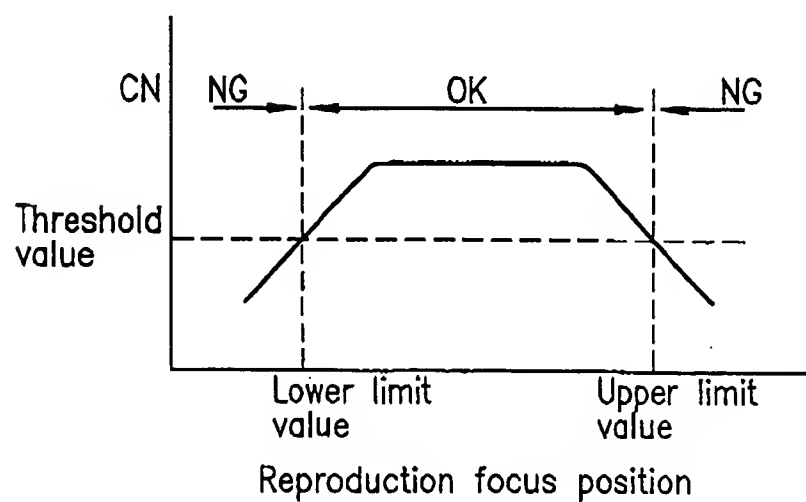
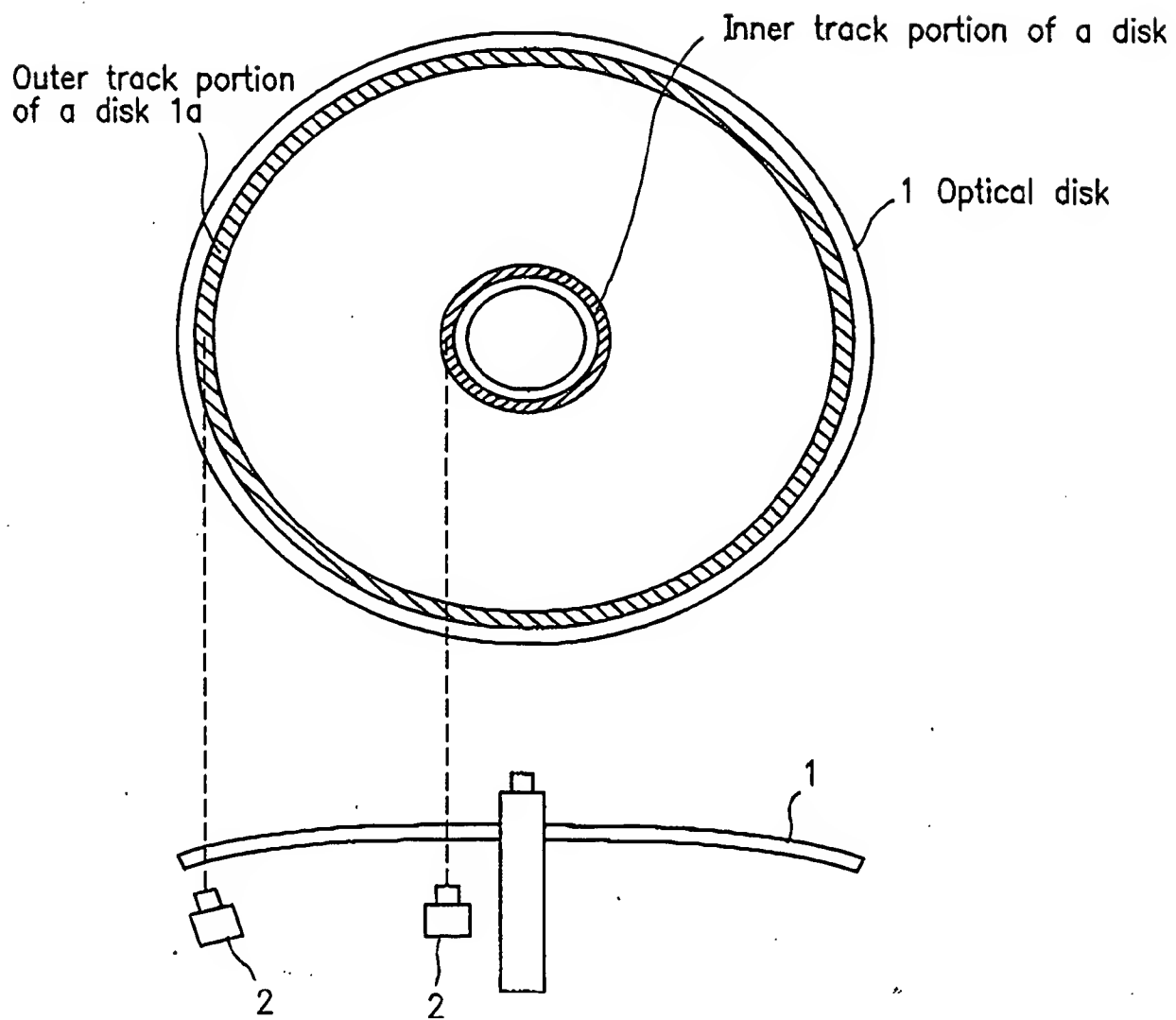
*FIG. 21A**FIG. 21B*

FIG. 22A



000001-000000

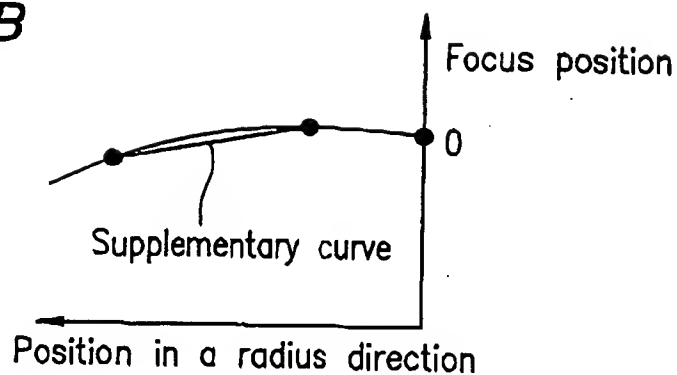
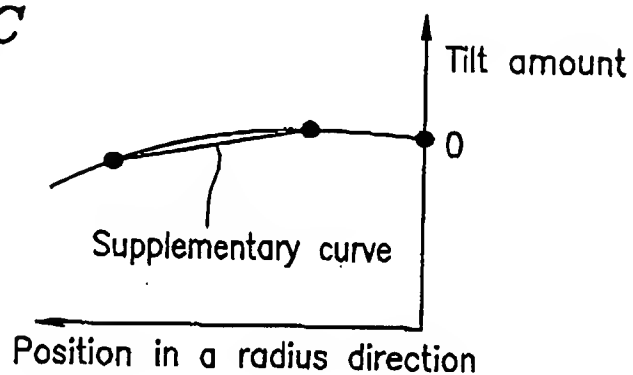
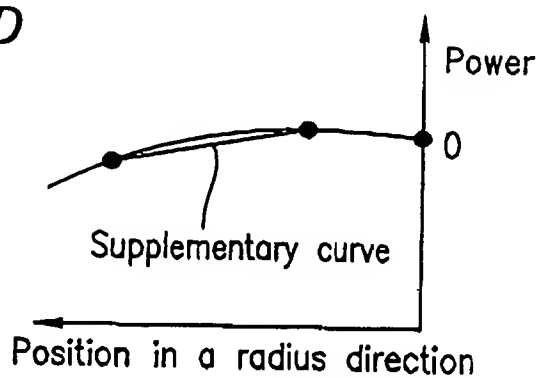
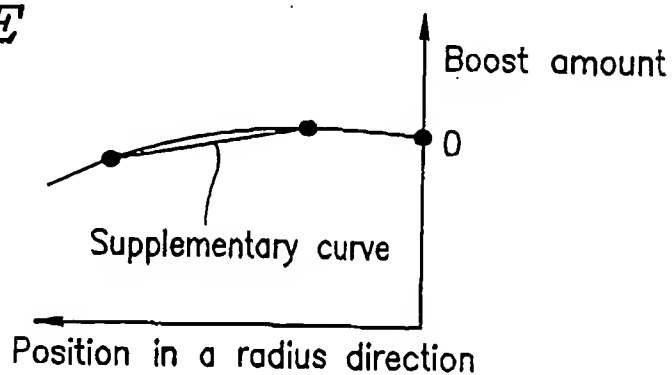
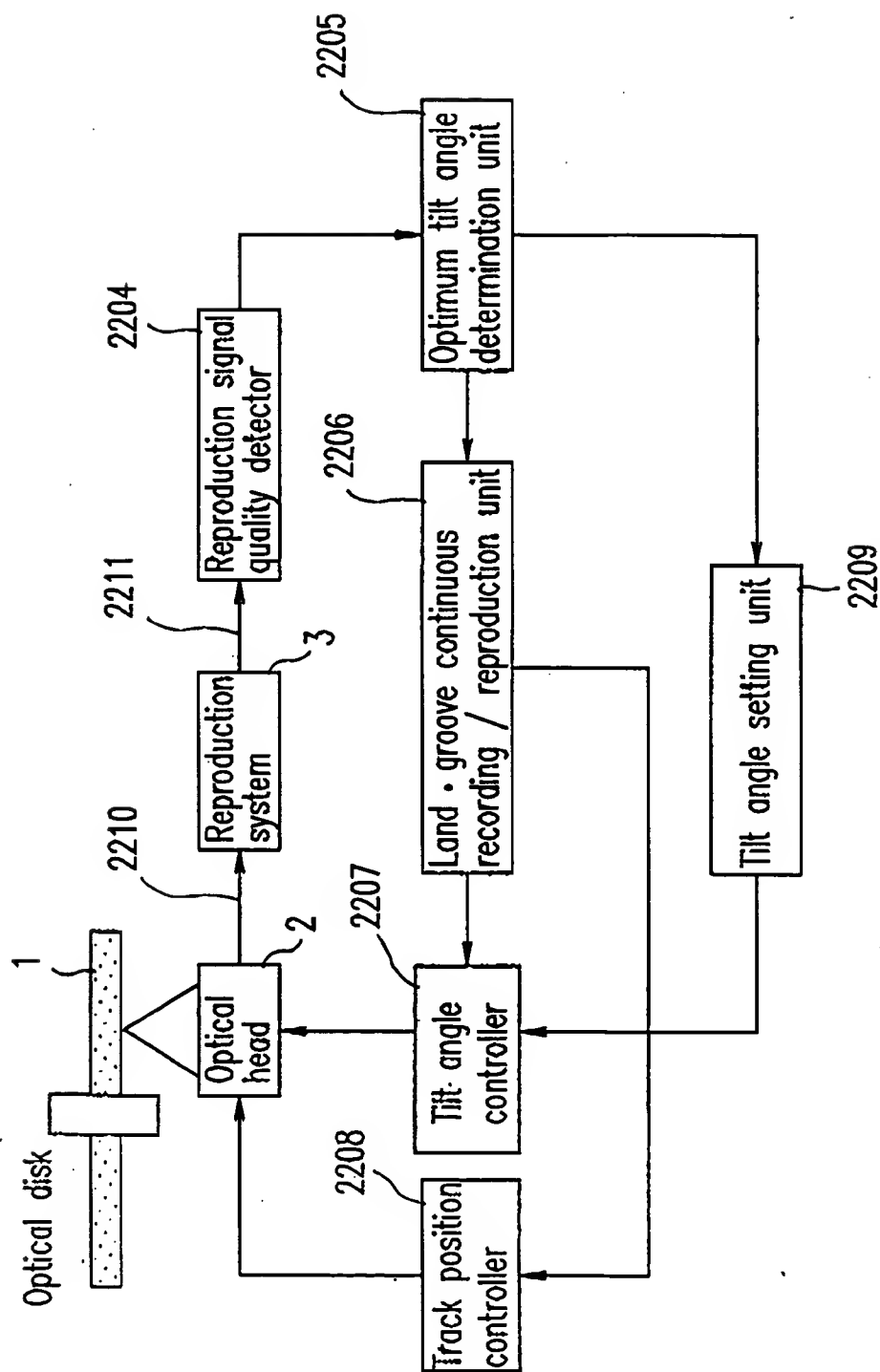
*FIG. 22B**FIG. 22C**FIG. 22D**FIG. 22E*

FIG. 23

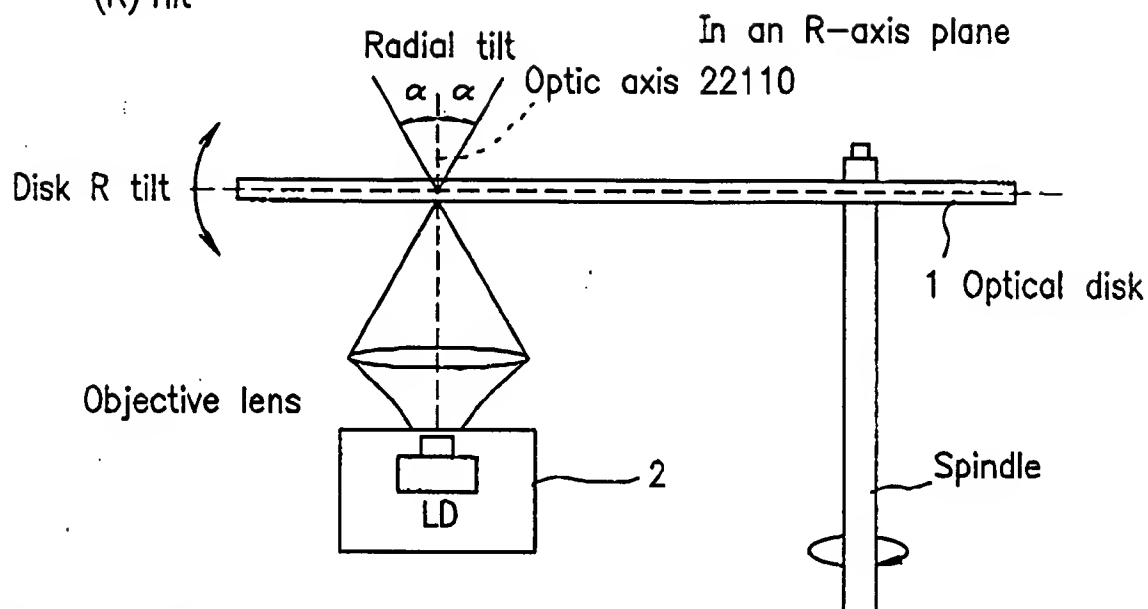




**FIG. 24A**

Radial tilt

(R) Tilt

**FIG. 24B**

Tangential tilt

(T) Tilt

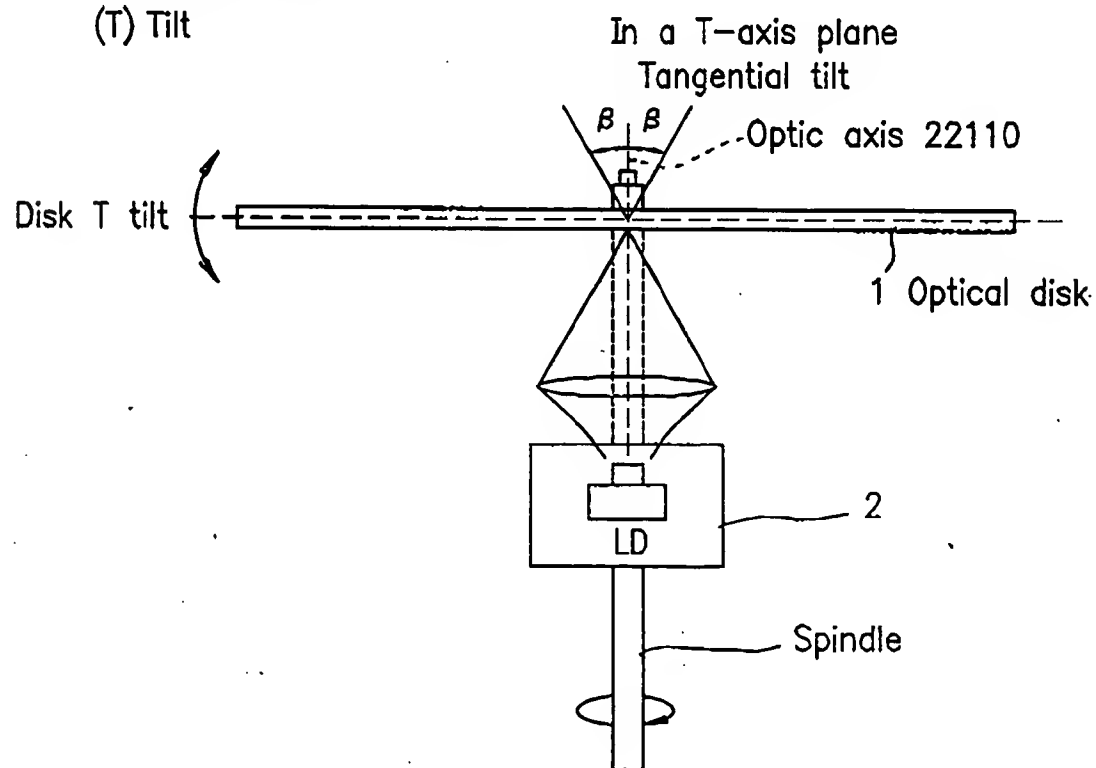
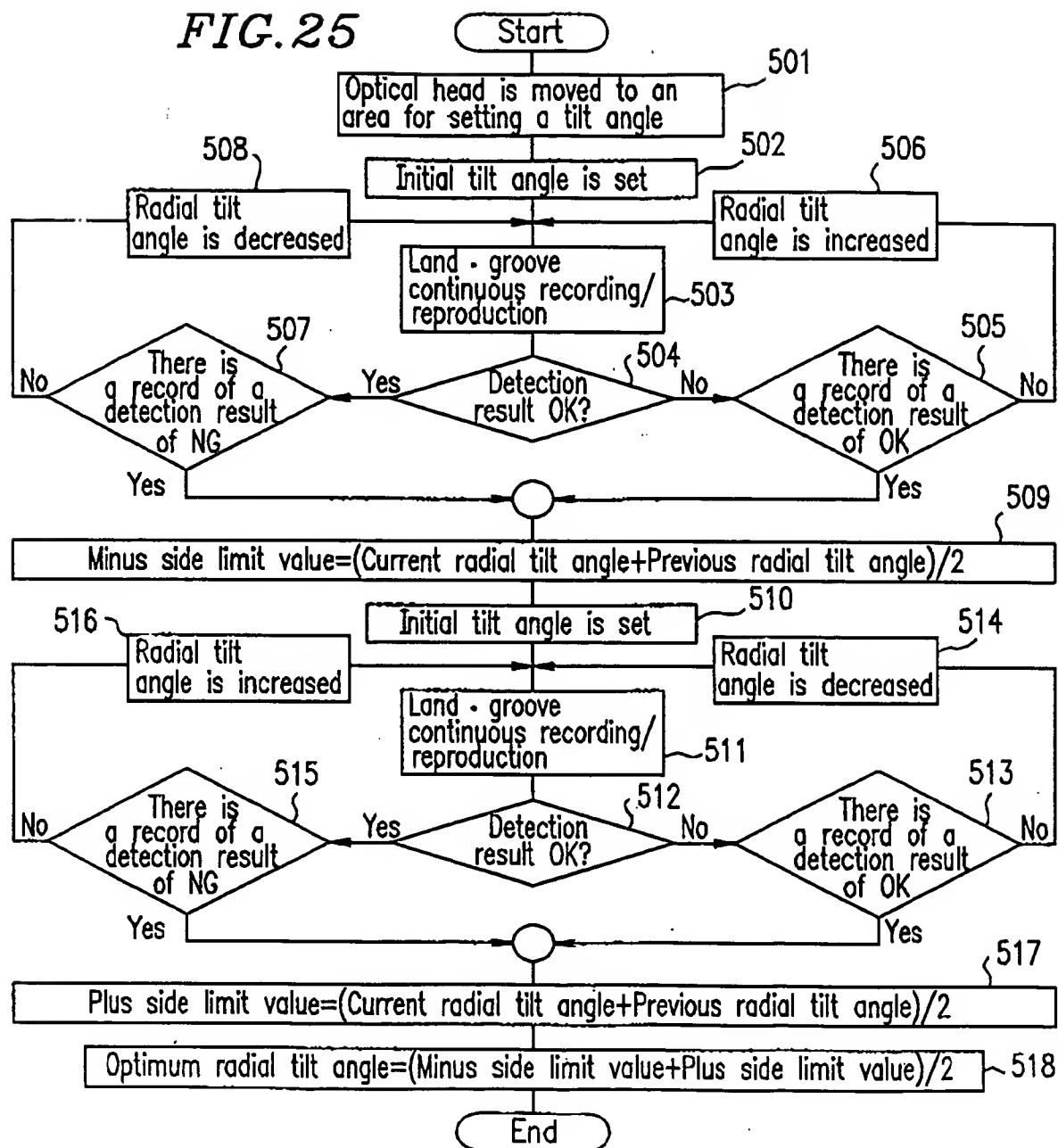


FIG. 25



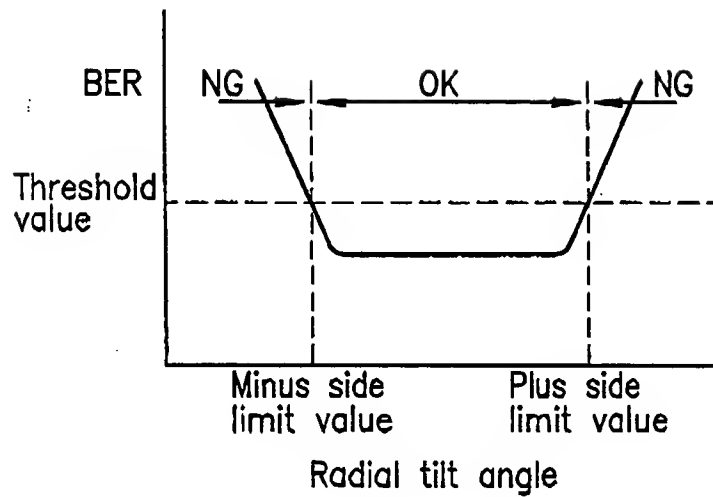
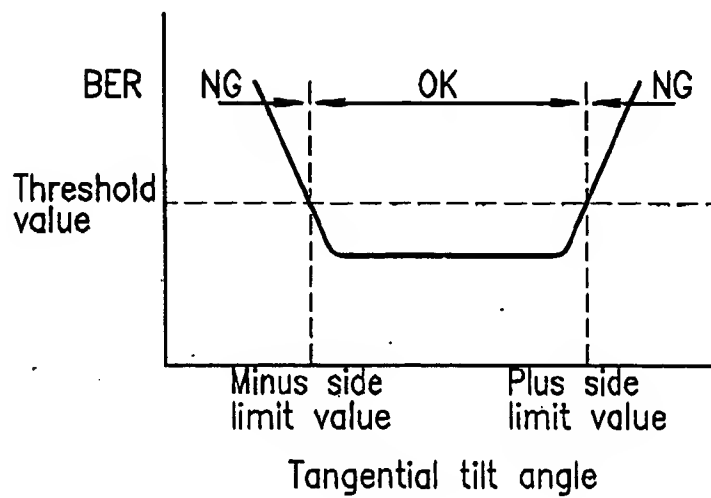
**FIG. 26A****FIG. 26B**

FIG. 27

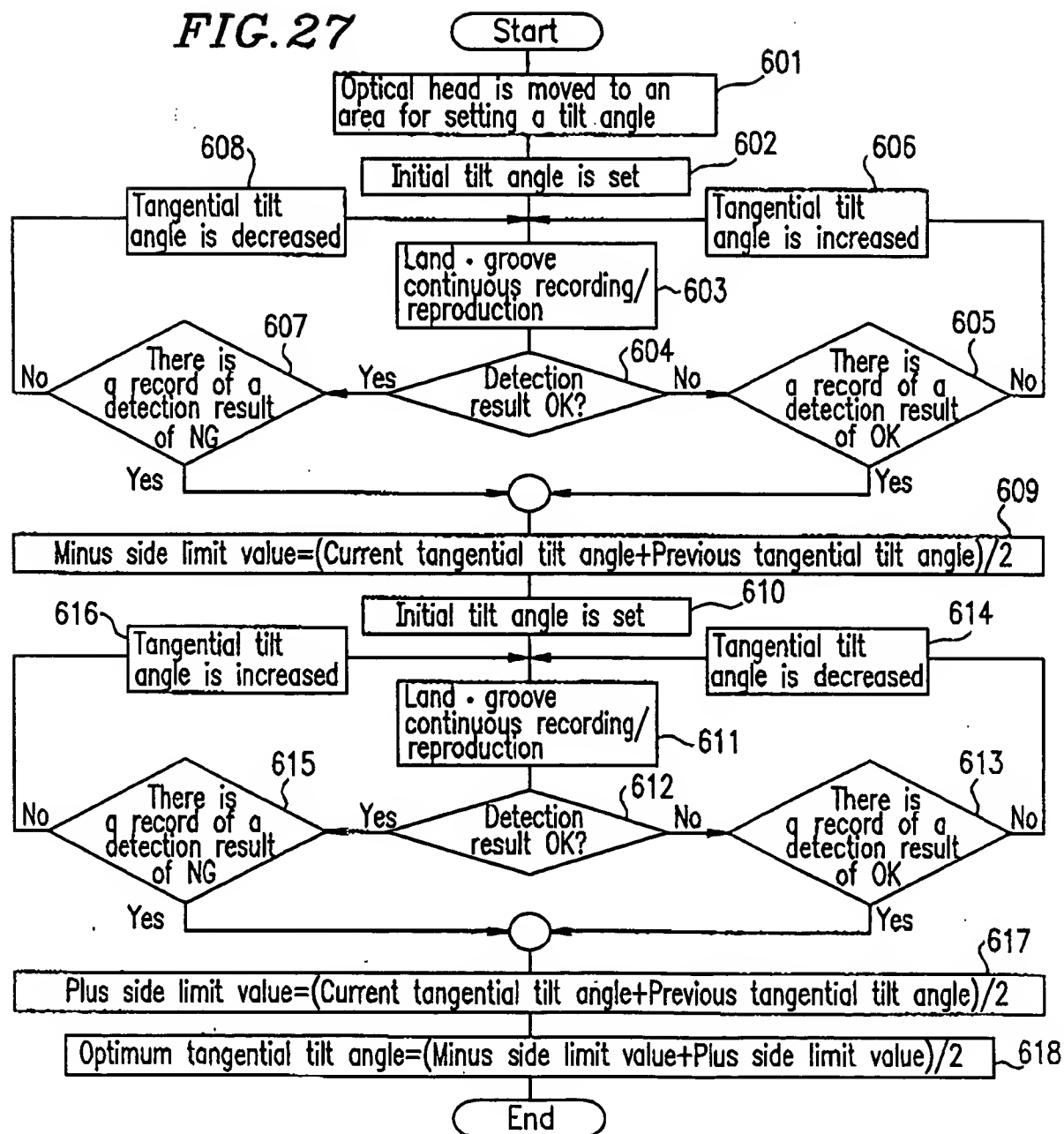


FIG. 28

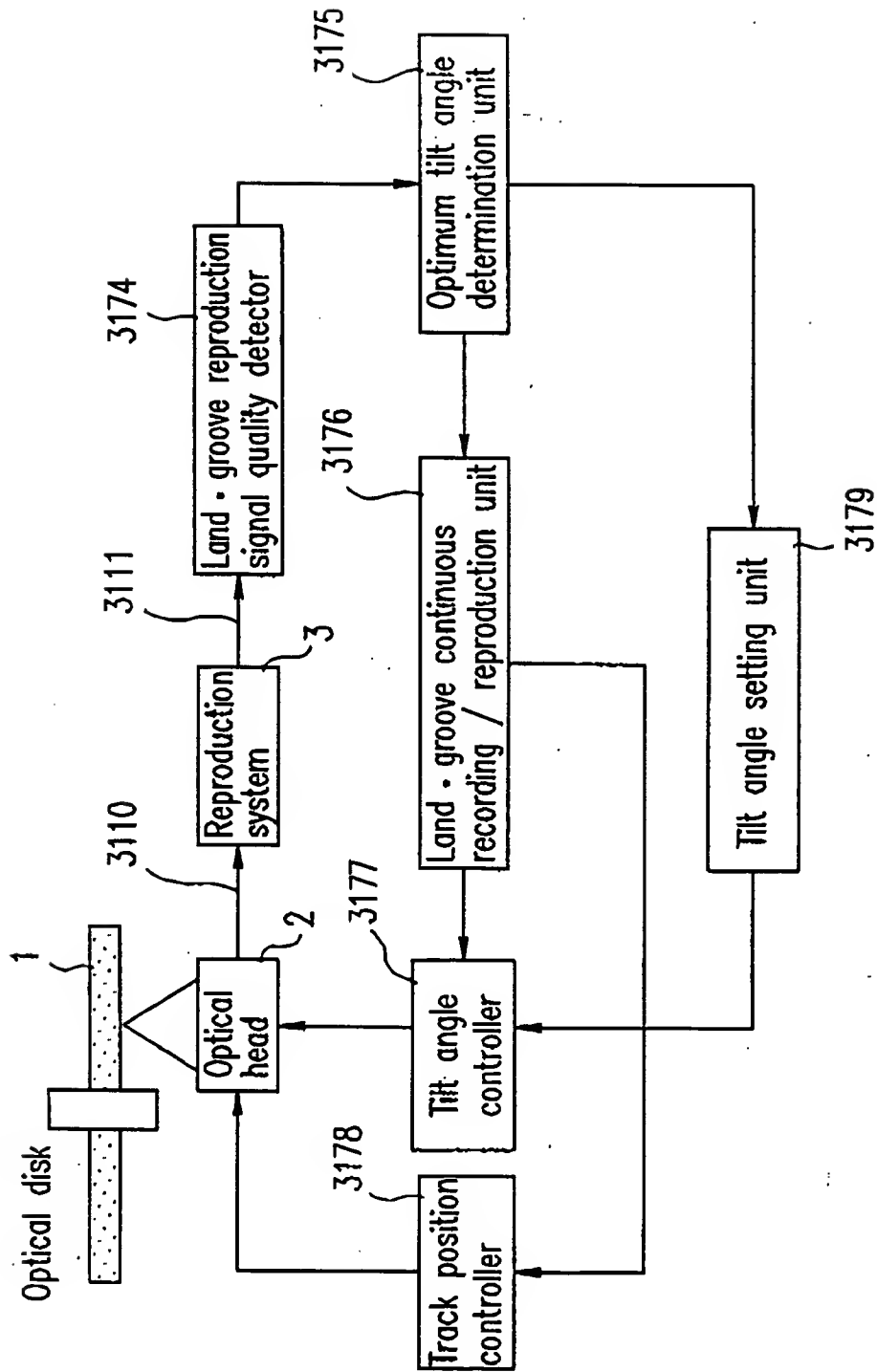


FIG. 29

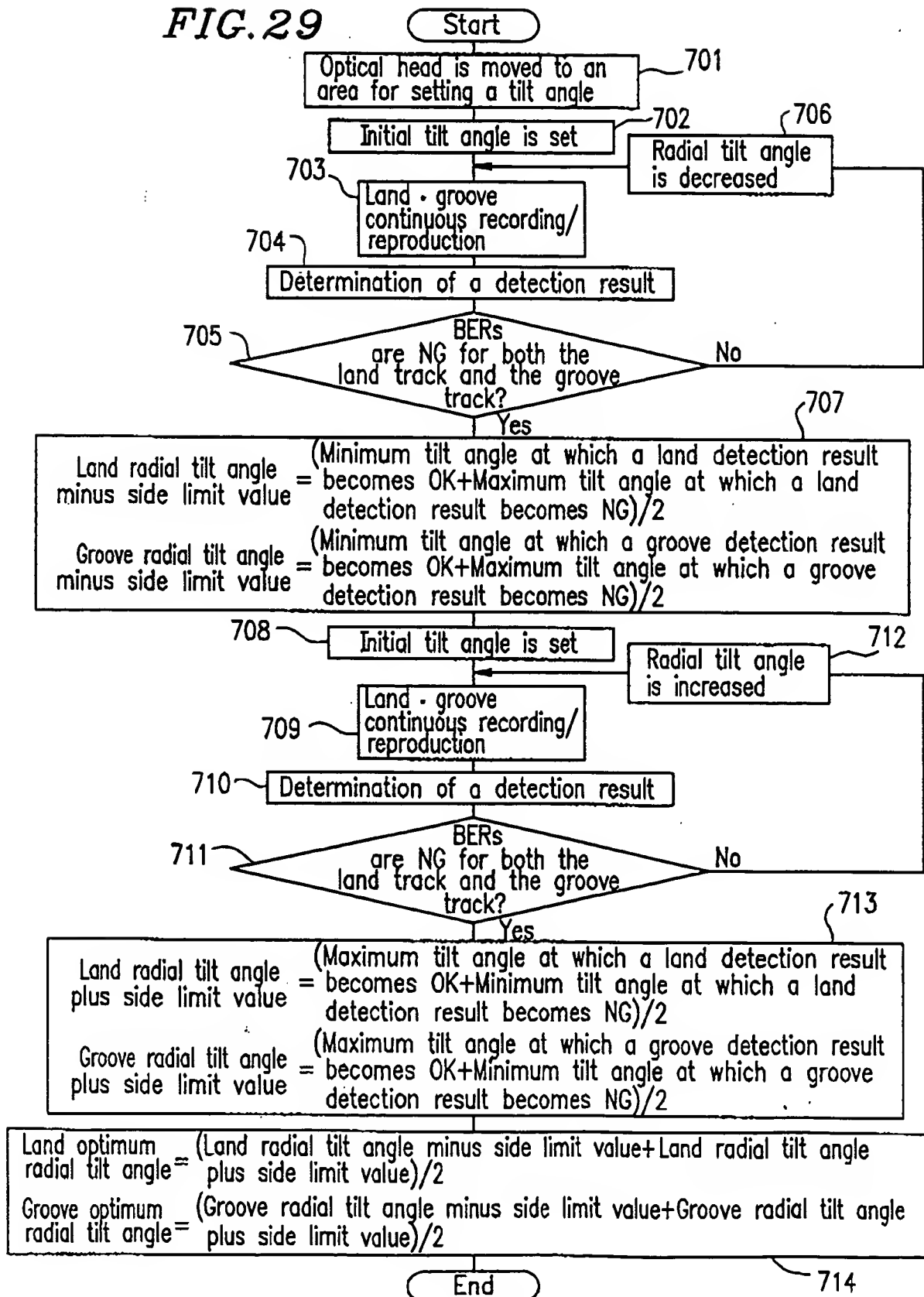
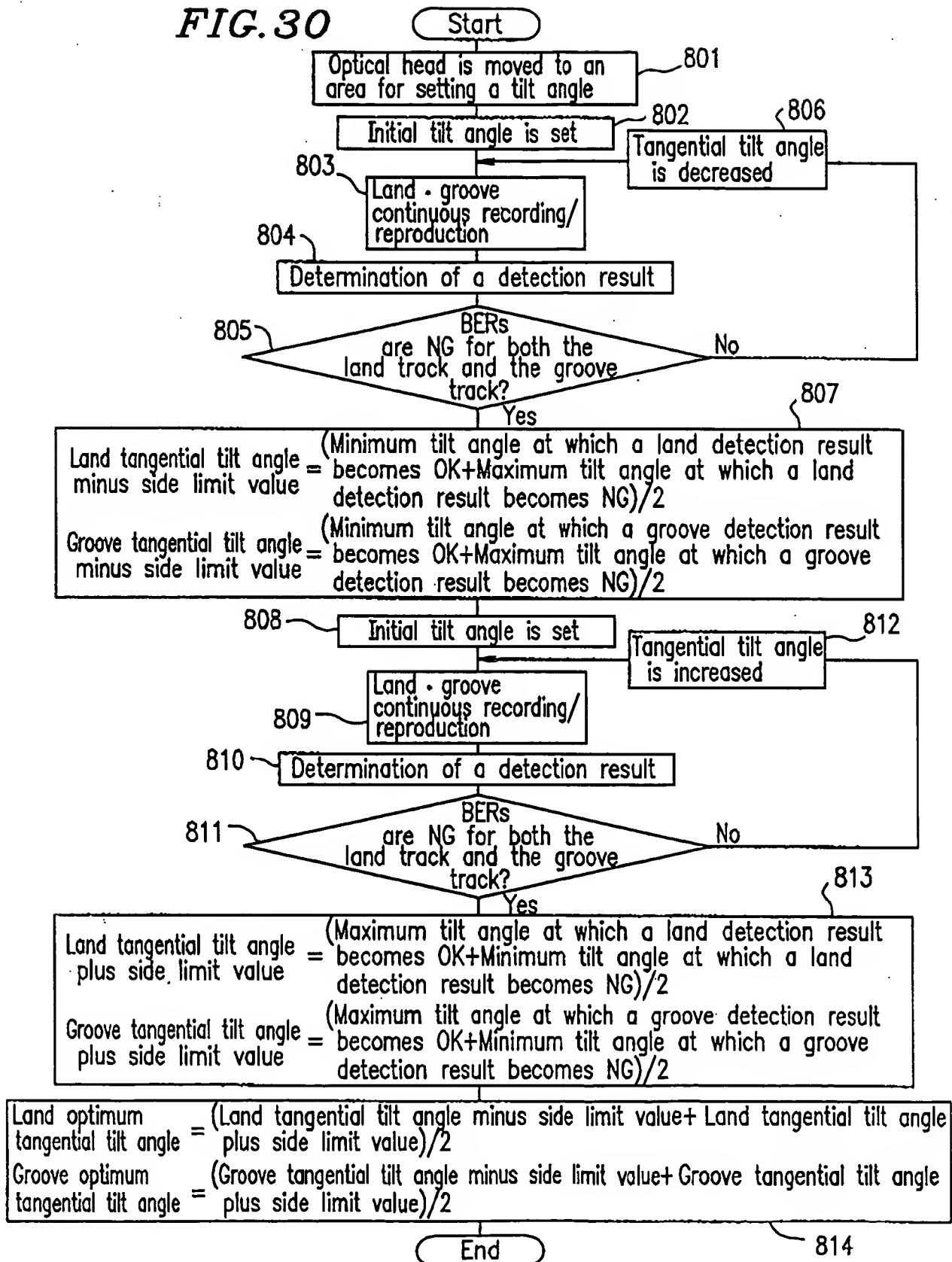
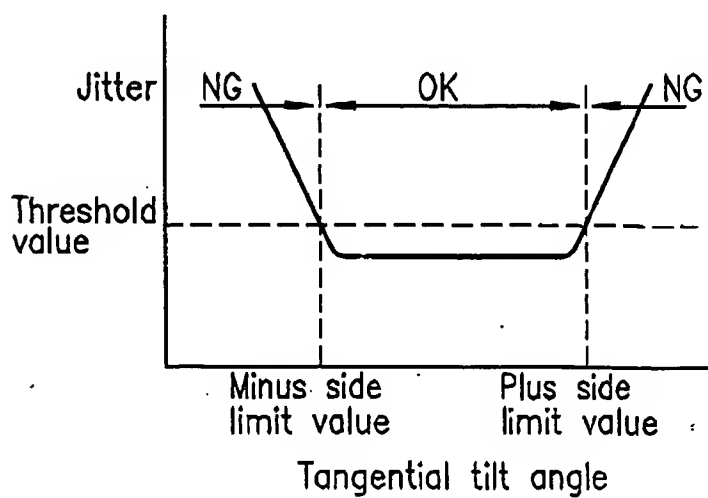


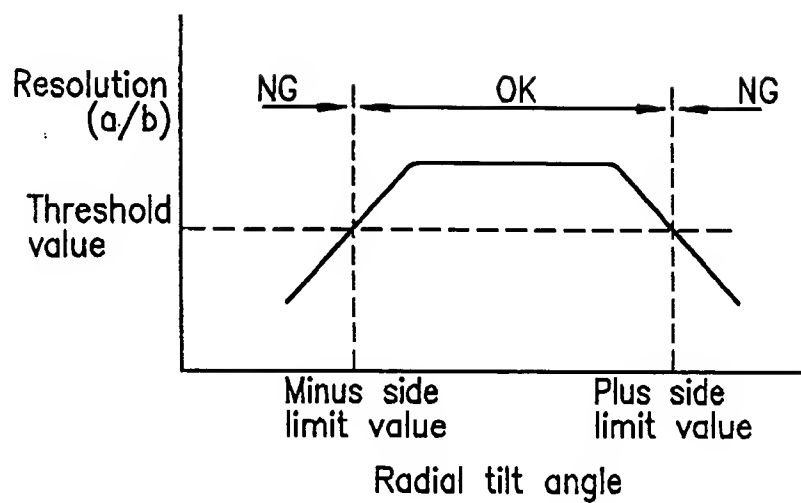
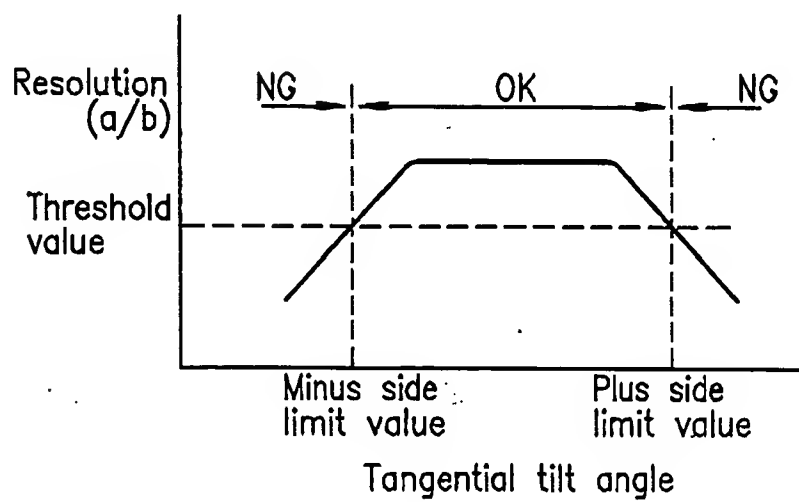
FIG. 30



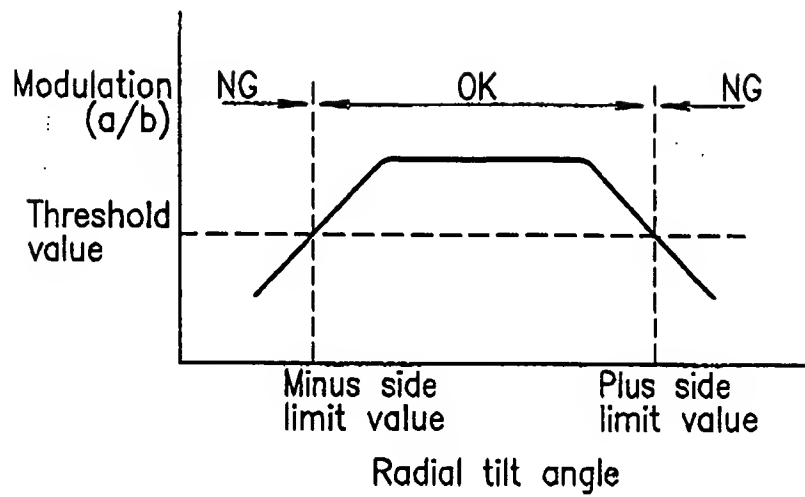
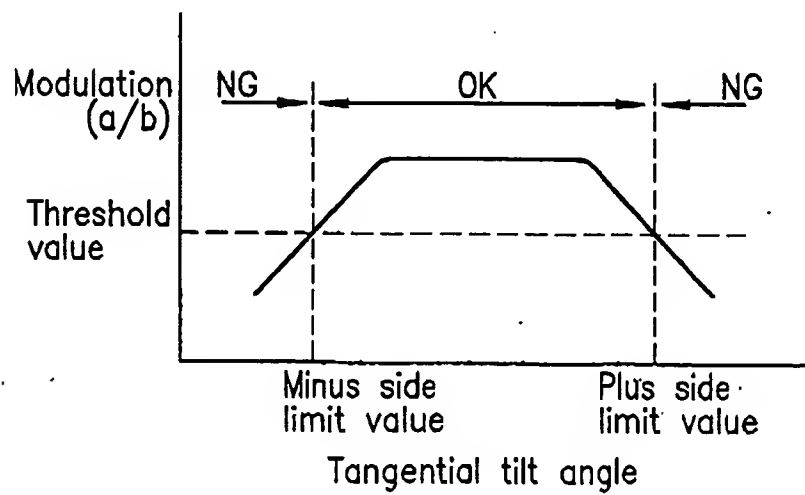
**FIG. 31B**





**FIG. 32A****FIG. 32B**

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**FIG. 33A****FIG. 33B**

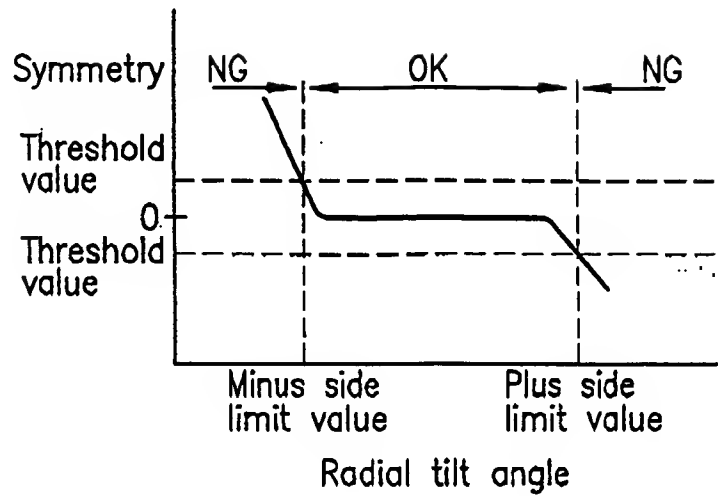
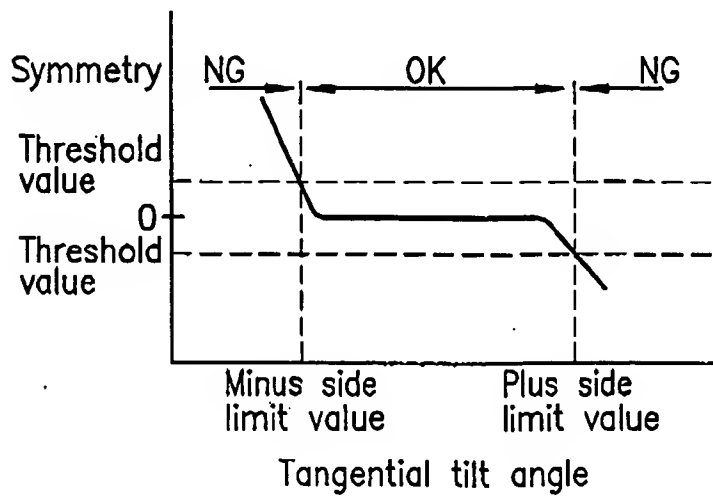
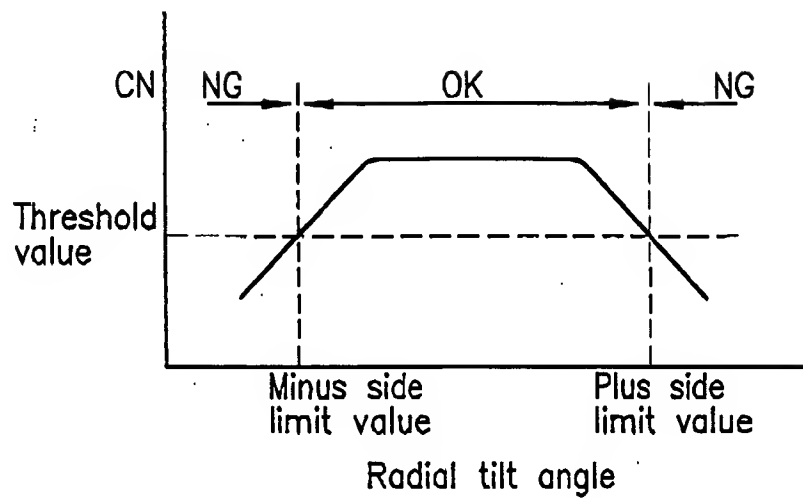
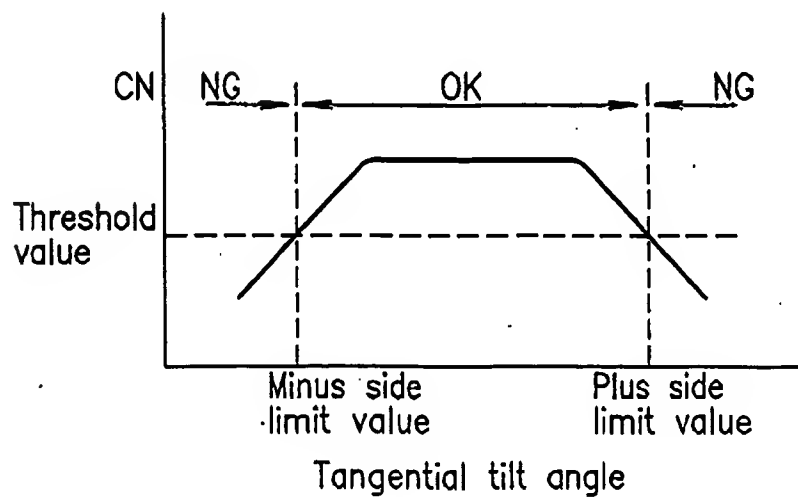
**FIG. 34A****FIG. 34B**

FIG. 35

(a) There is a tilt    Distortion large 

(b) Optimum tilt angle    Distortion small 

*FIG. 36A**FIG. 36B*

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FIG. 37

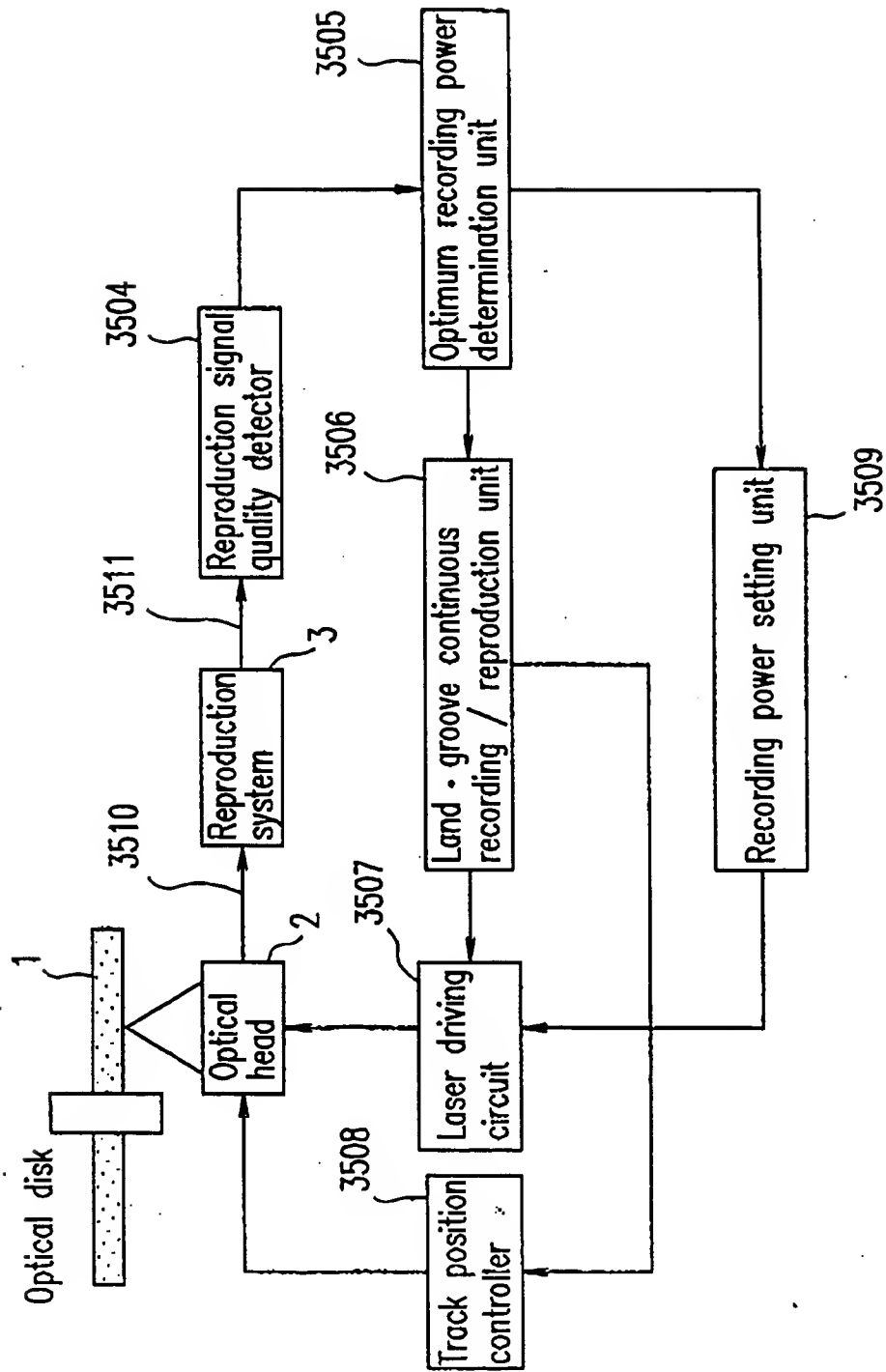


FIG:38

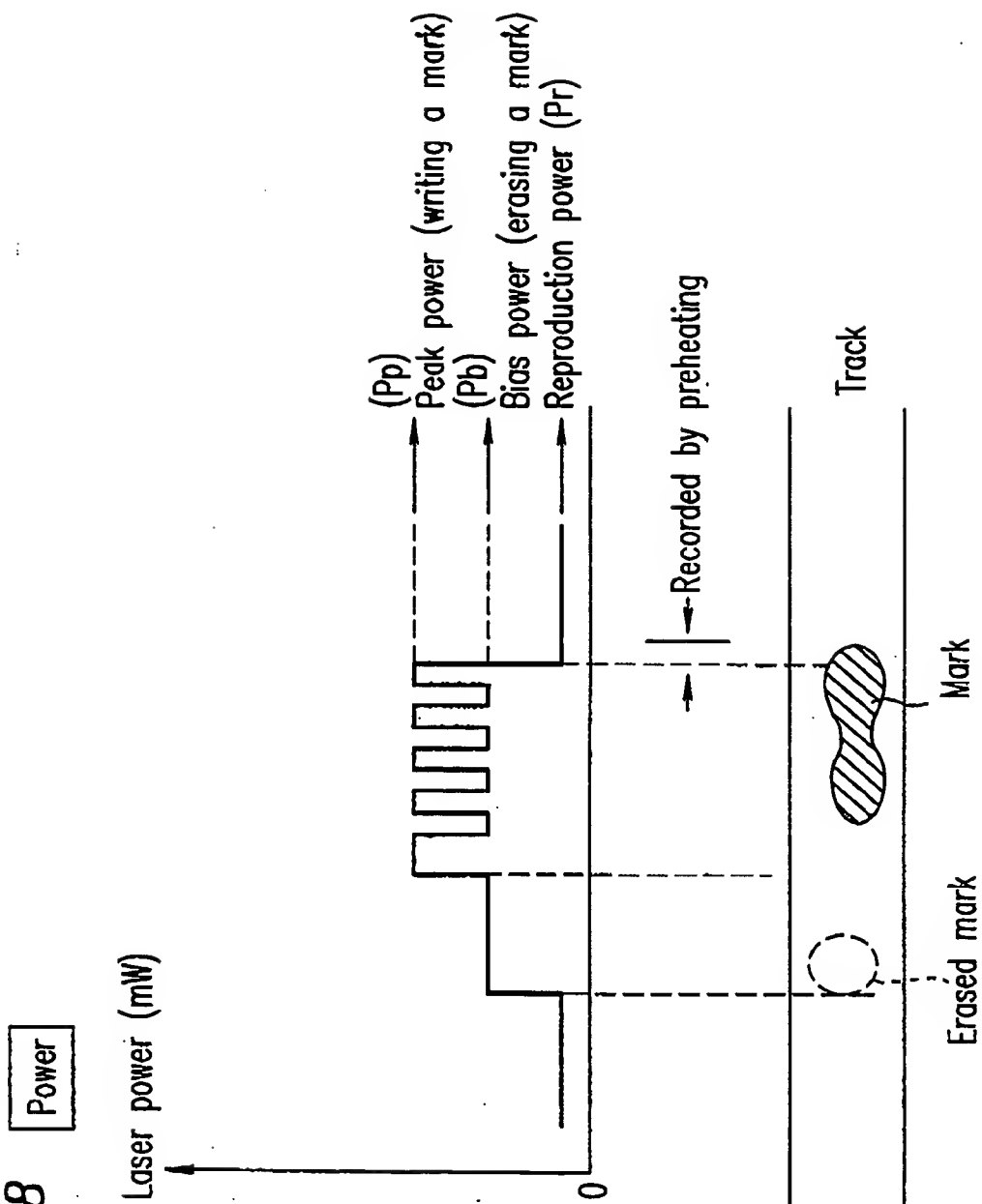
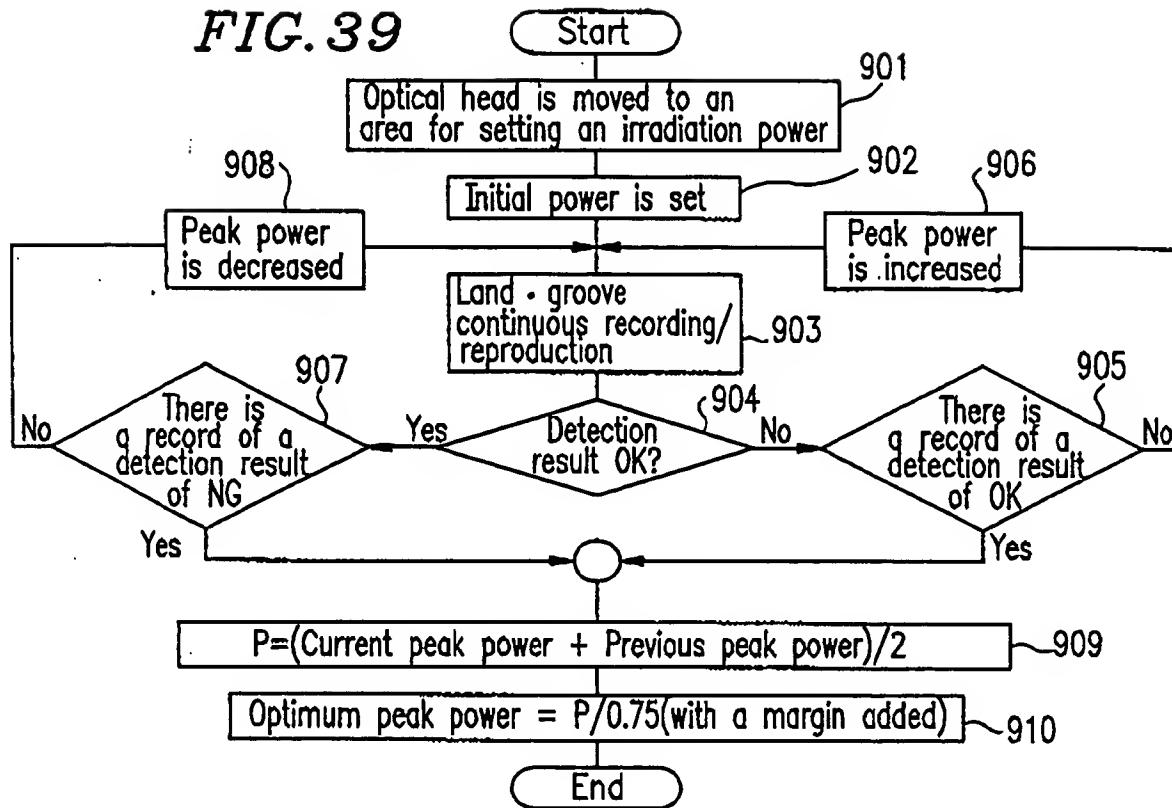


FIG. 39





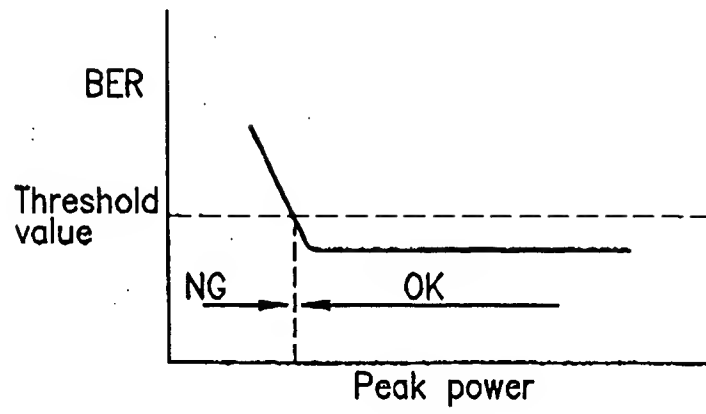
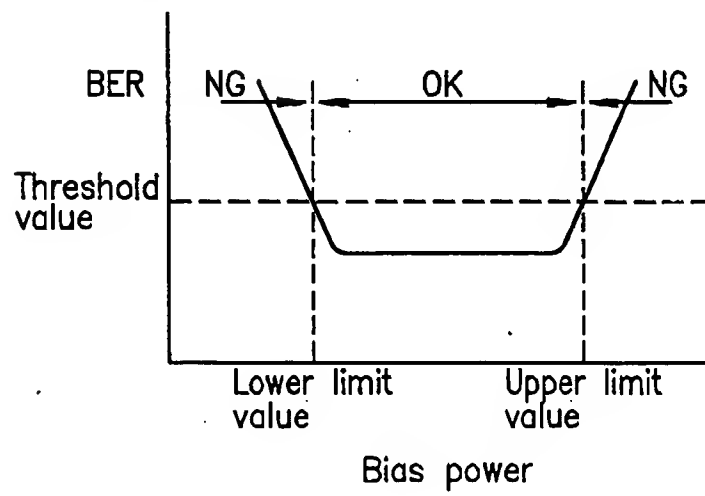
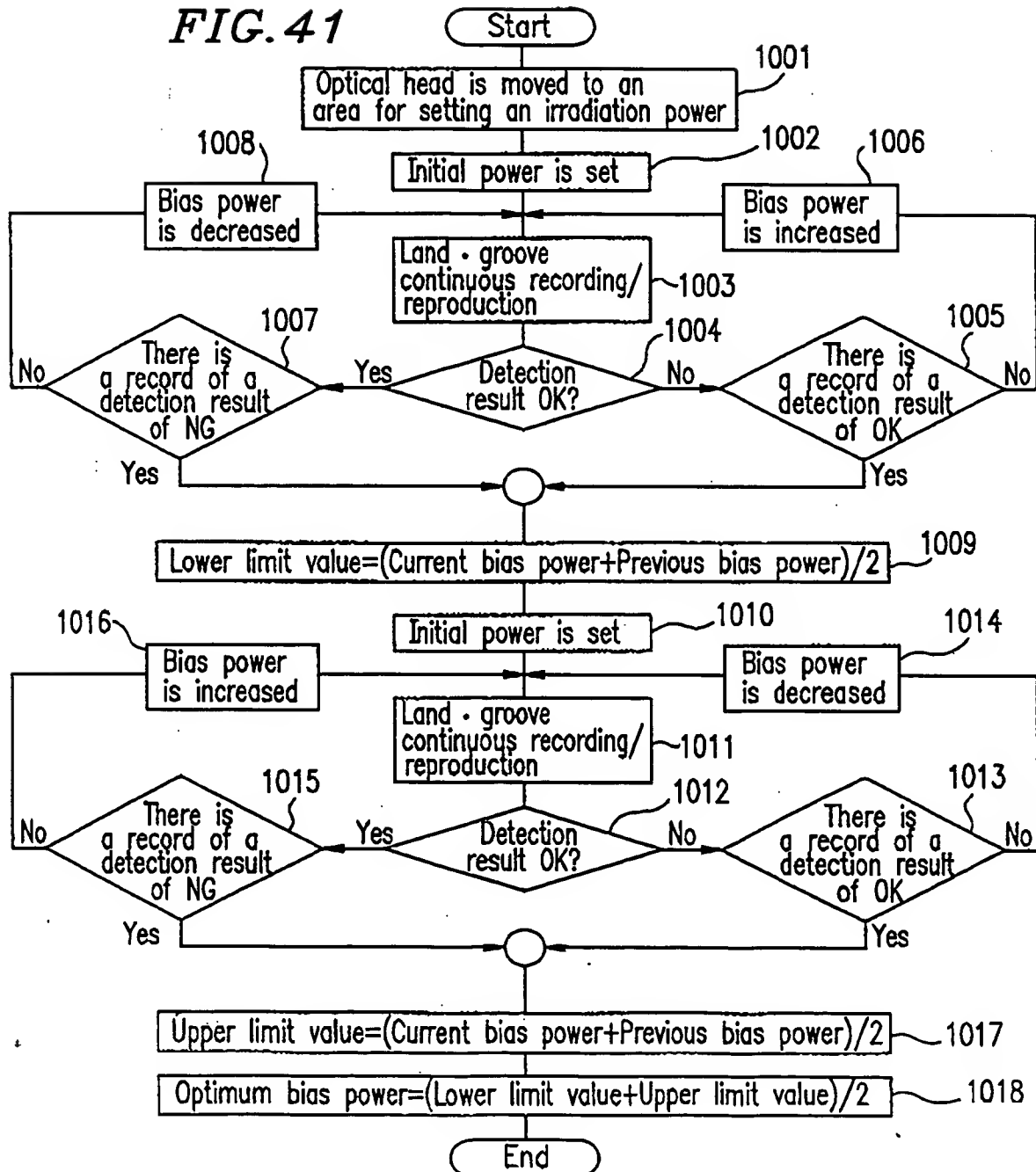
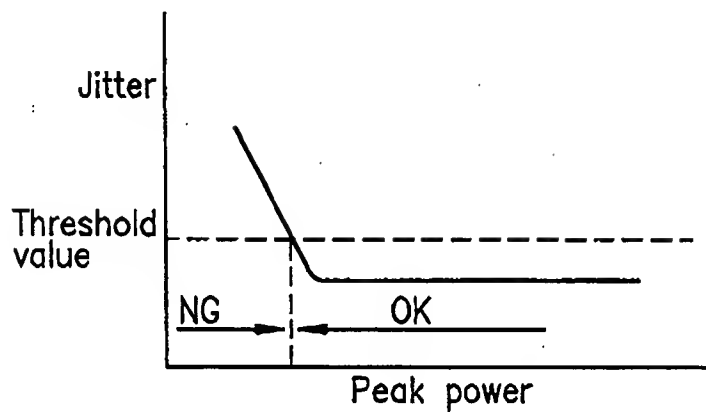
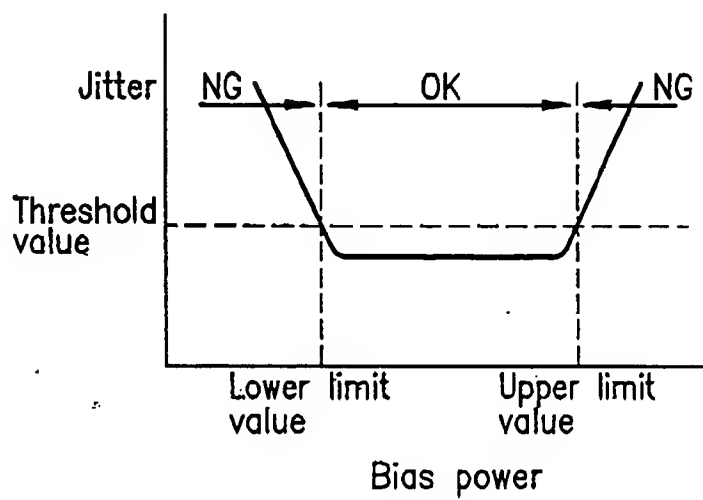
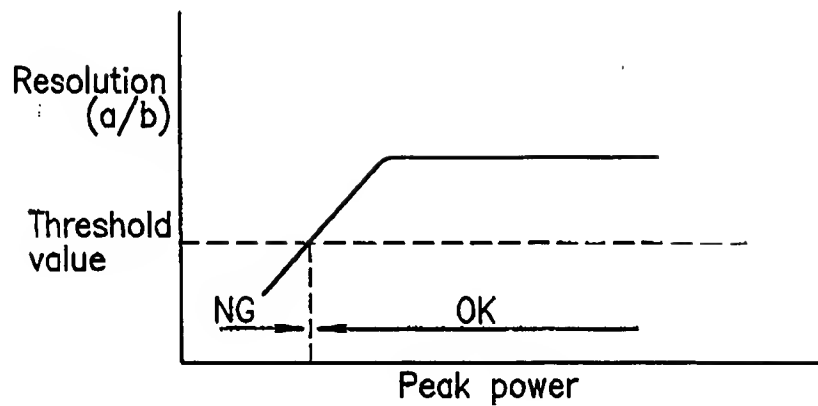
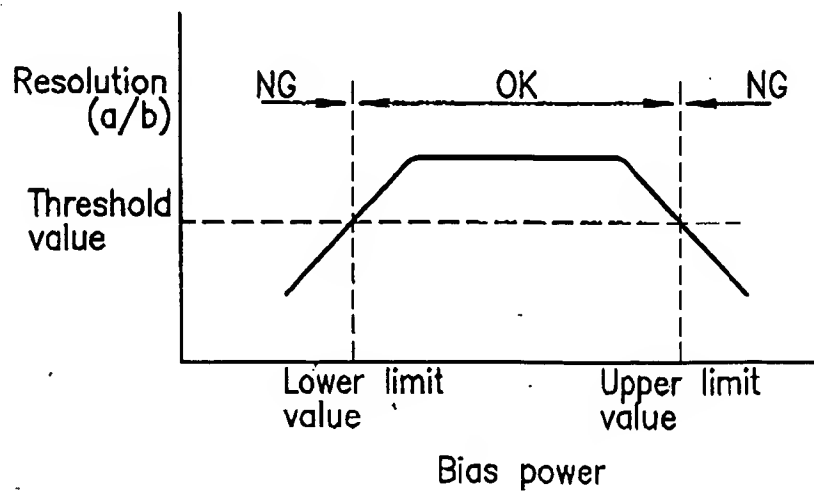
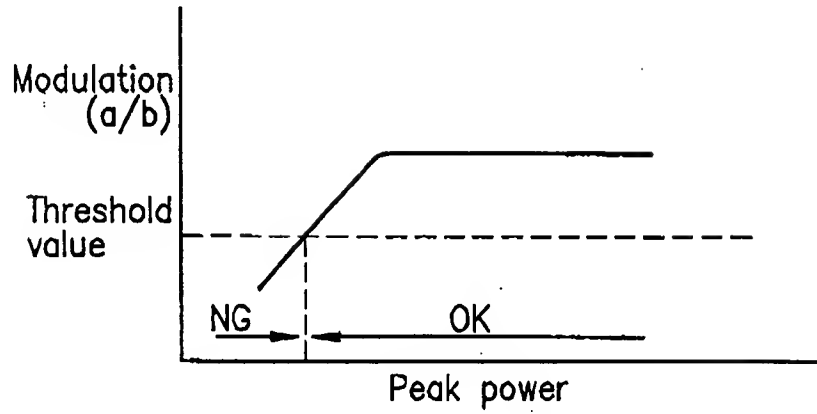
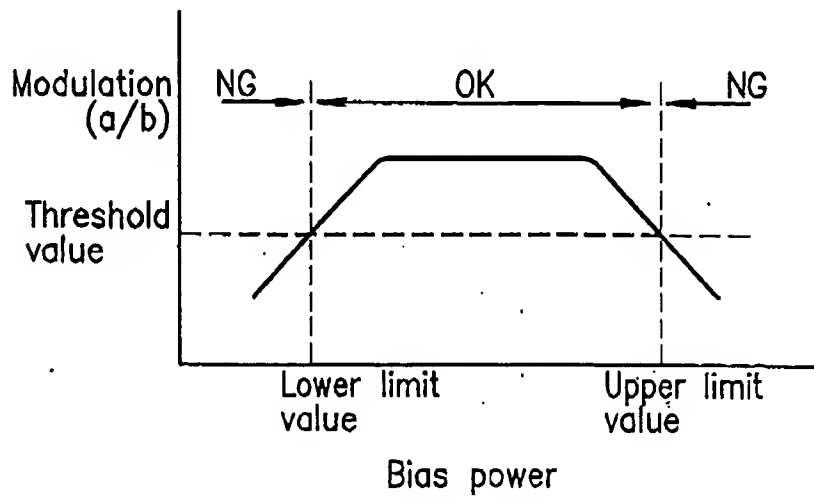
*FIG. 40A**FIG. 40B*

FIG. 41

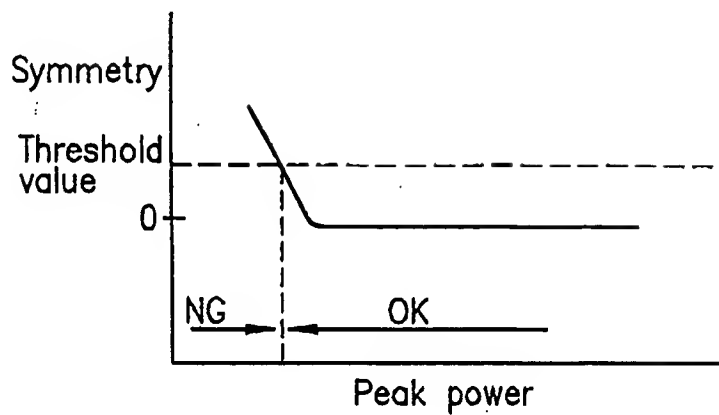
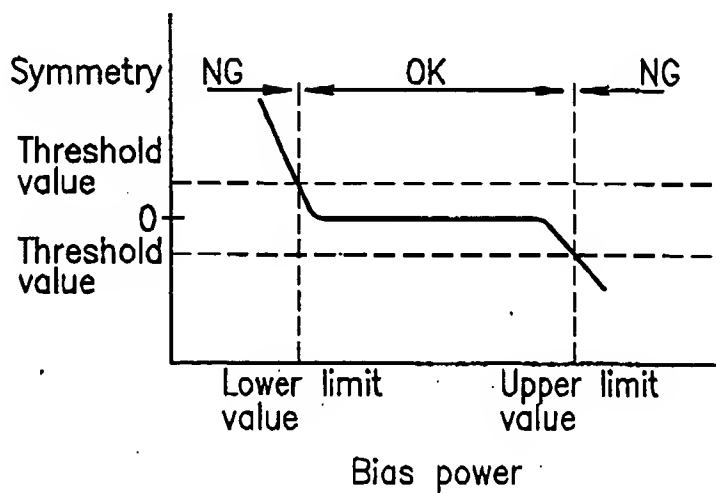


*FIG. 42A**FIG. 42B*

*FIG. 43A**FIG. 43B*

*FIG. 44A**FIG. 44B*

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**FIG. 45A****FIG. 45B**

**FIG. 46**

(a) Insufficient power      ○      ○      ○            Distortion large

(b) Optimum power      ○      ○      ○            Distortion small


(c) Excessive power      ○      ○      ○            Distortion large

FIG. 47

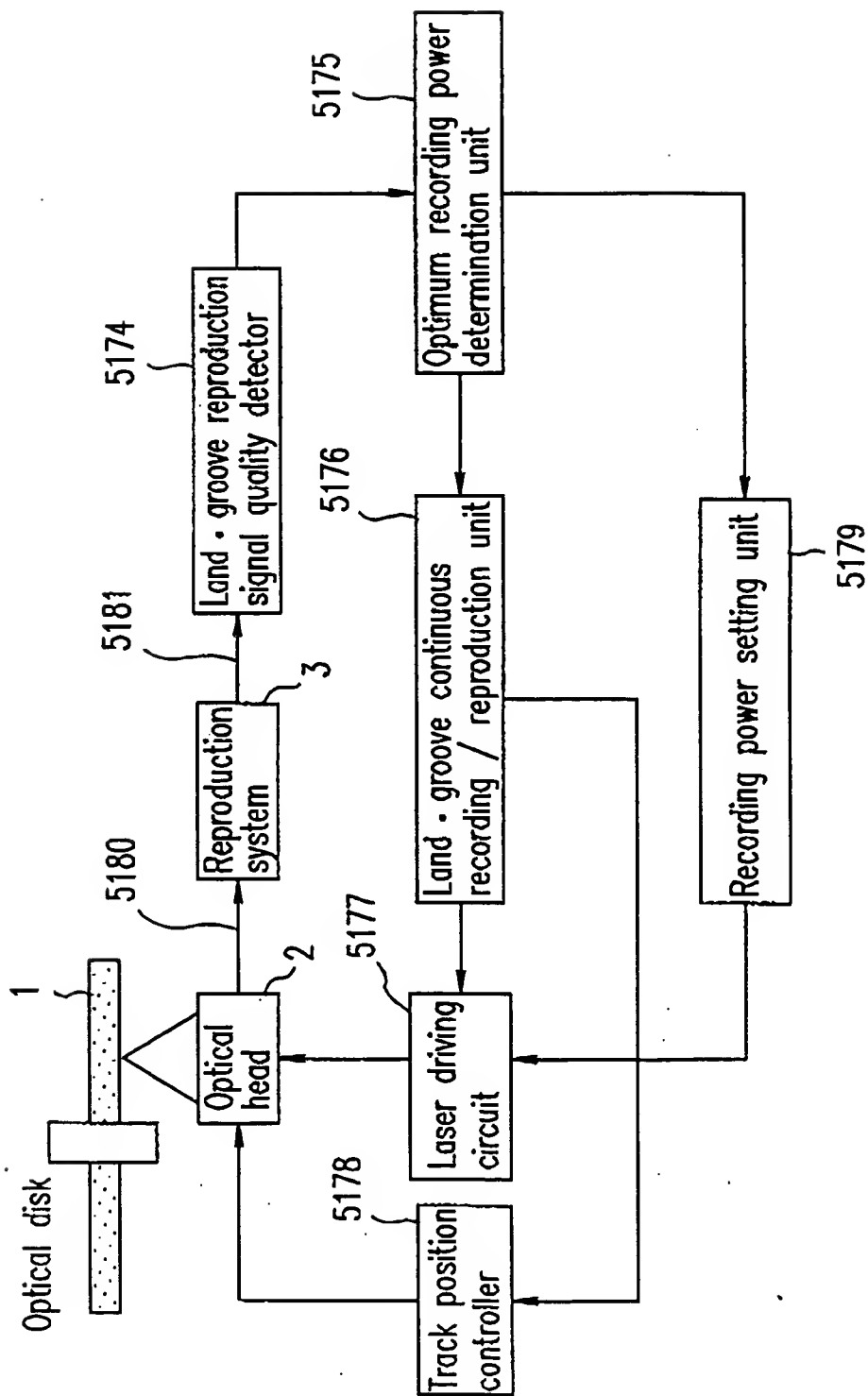




FIG. 48

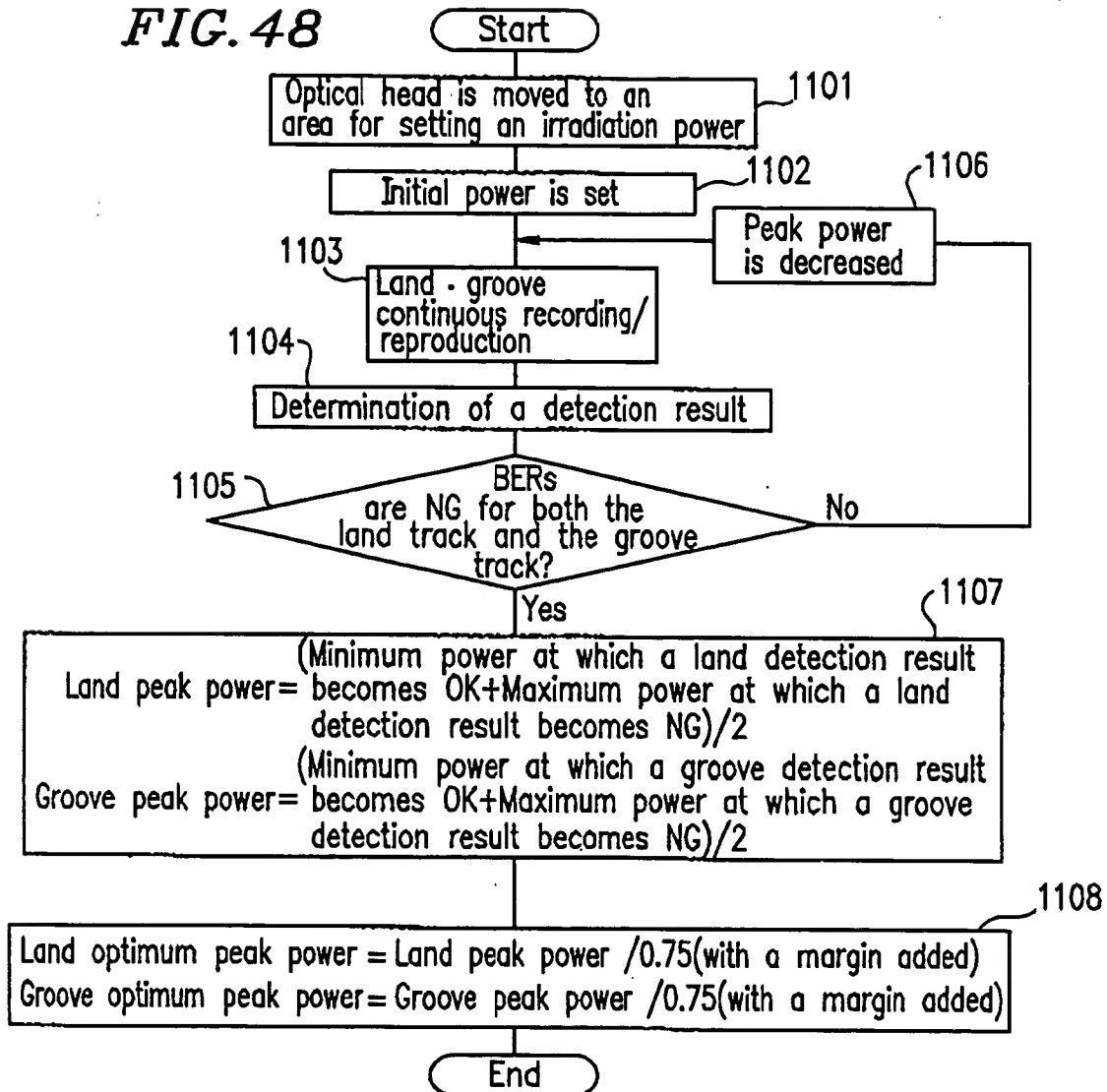


FIG. 49

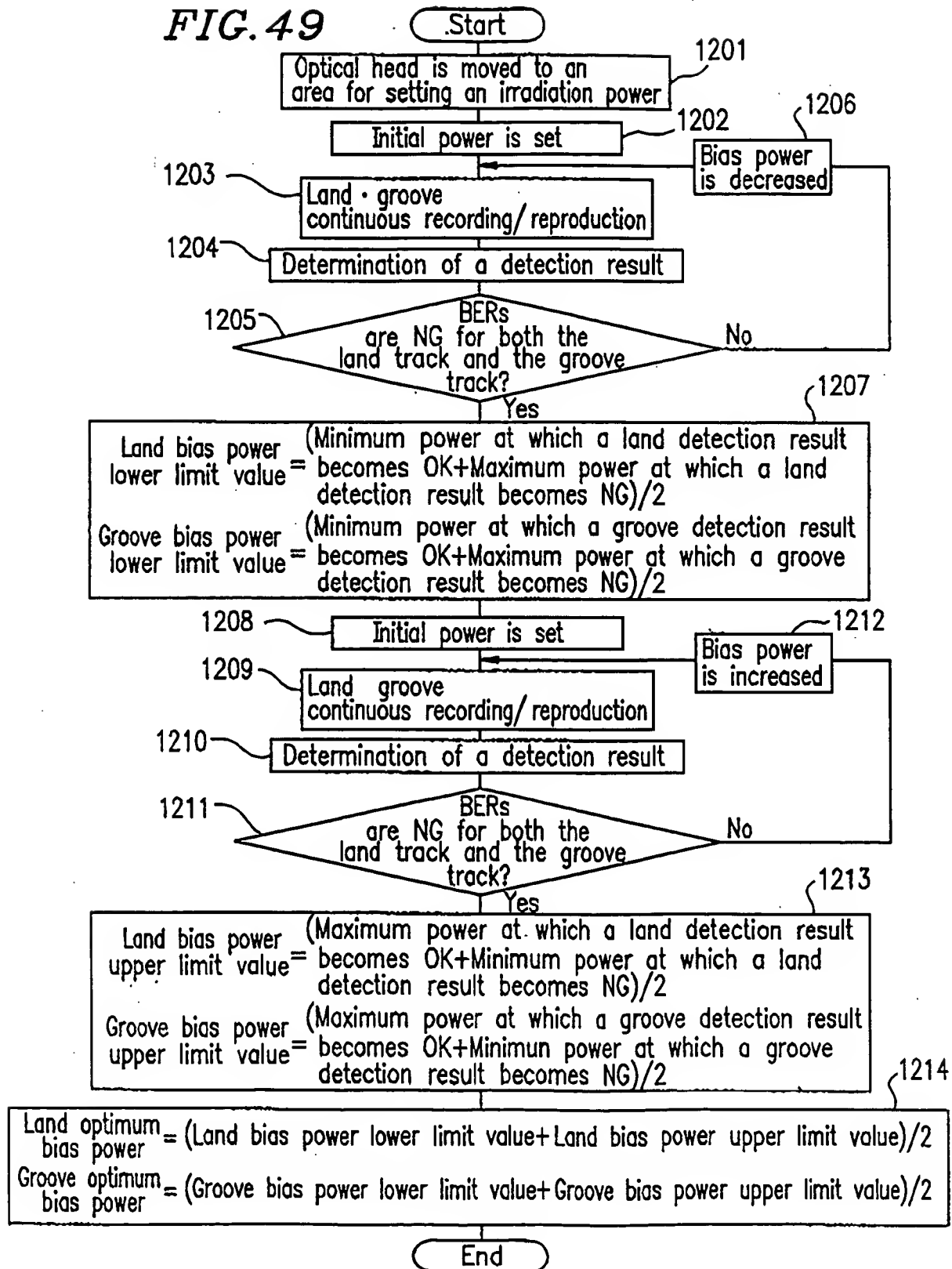
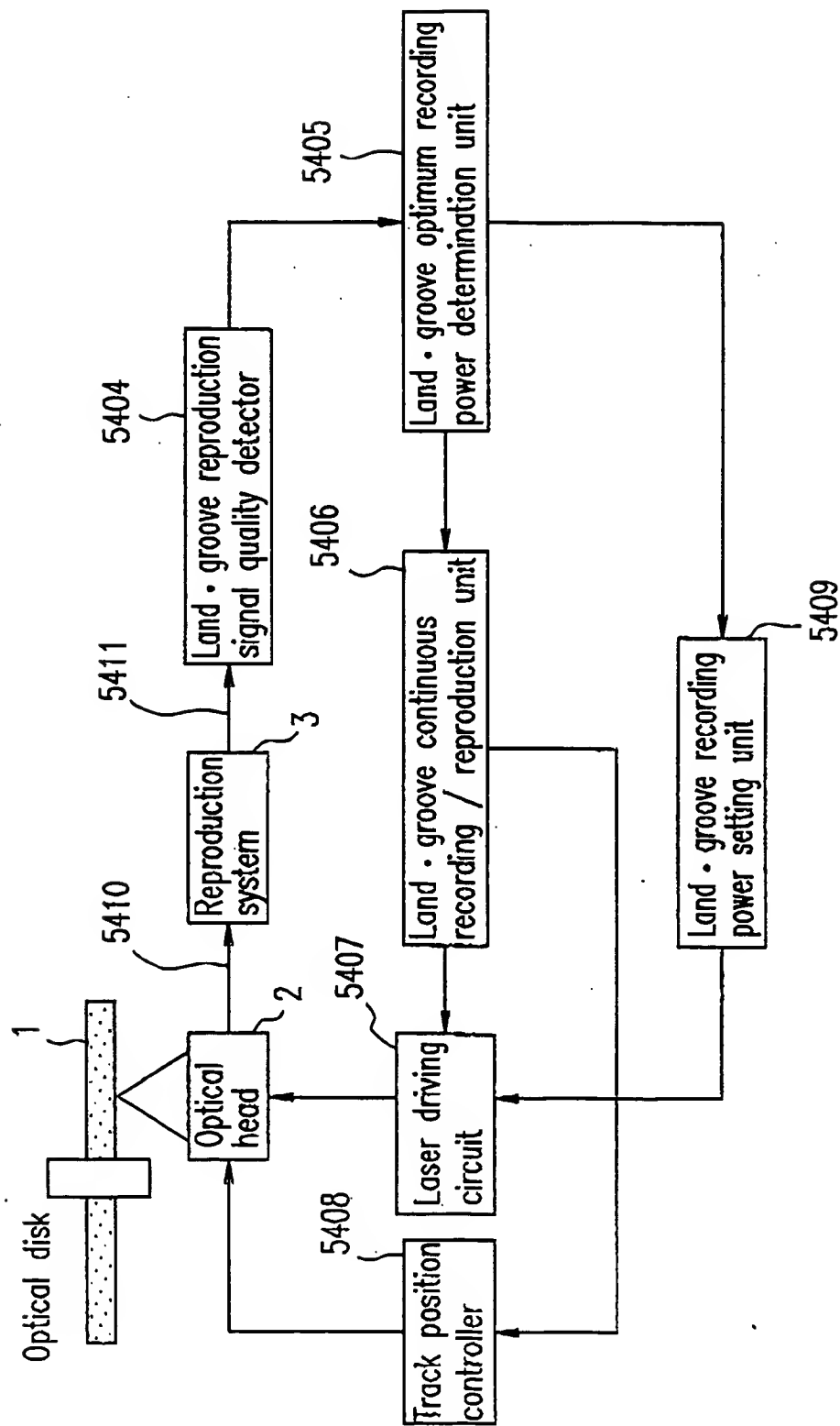
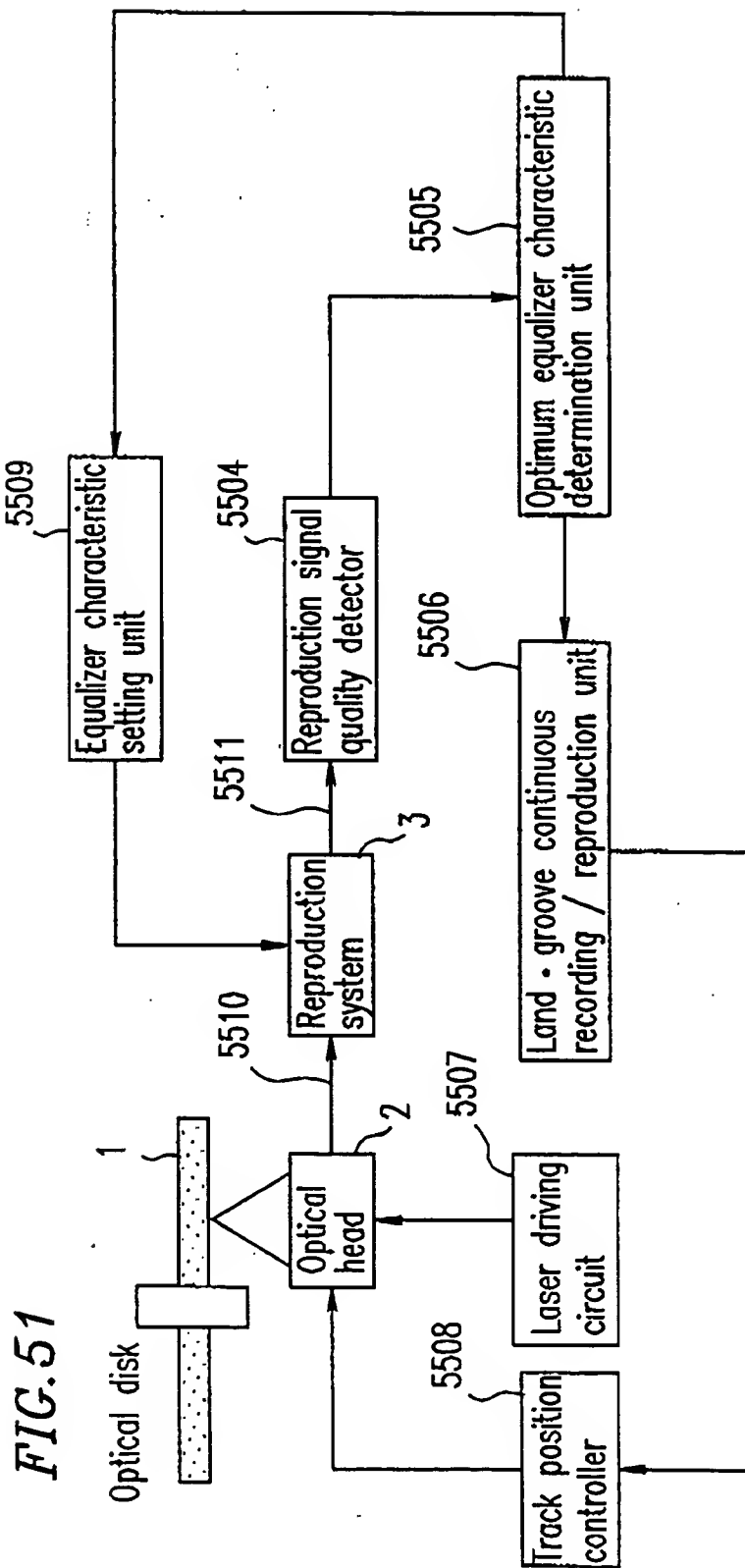


FIG. 50





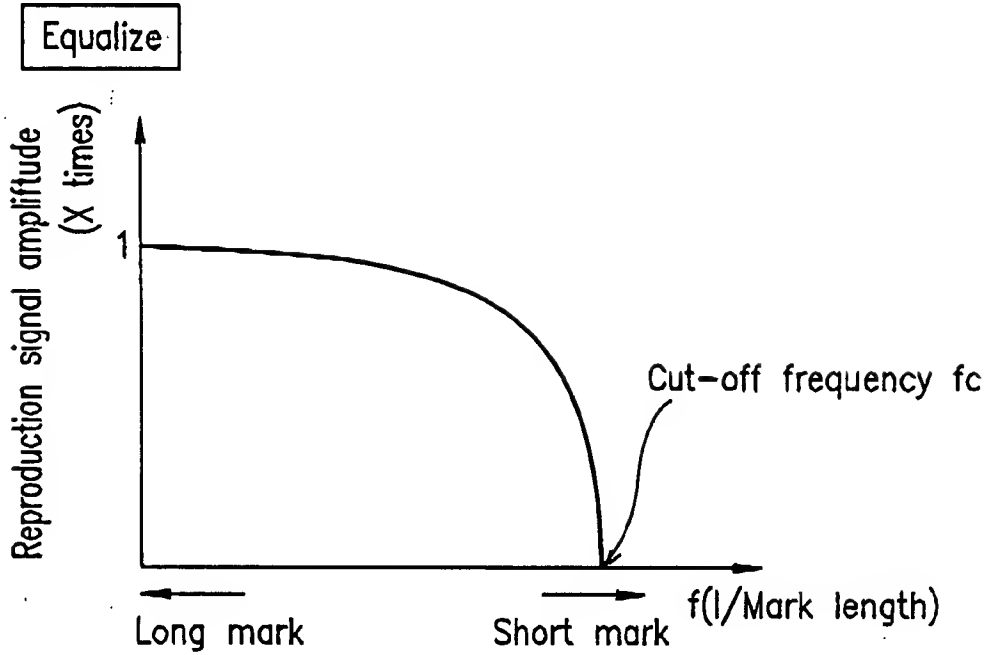
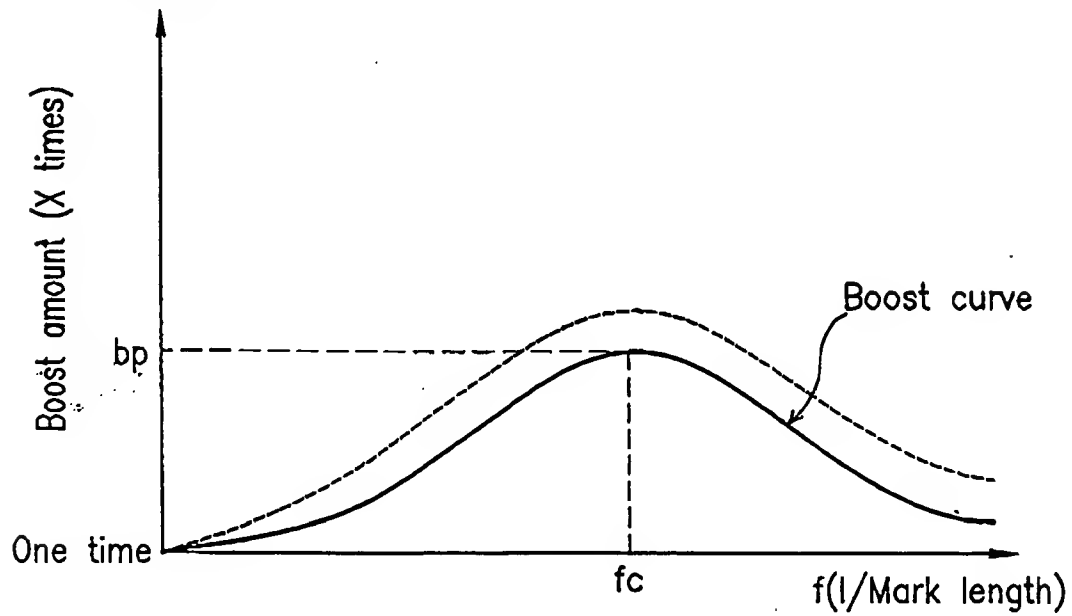
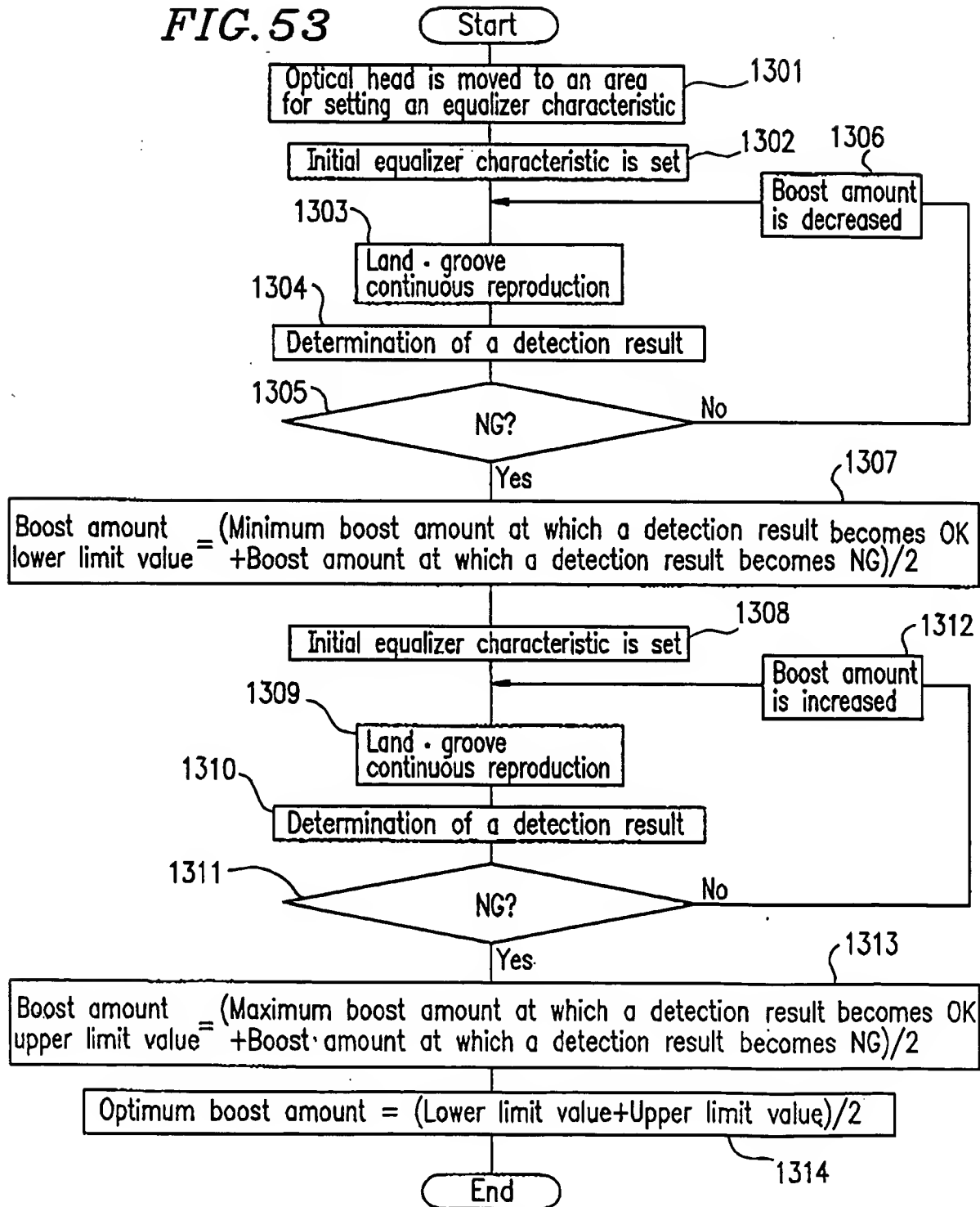
**FIG. 52A****FIG. 52B**

FIG. 53



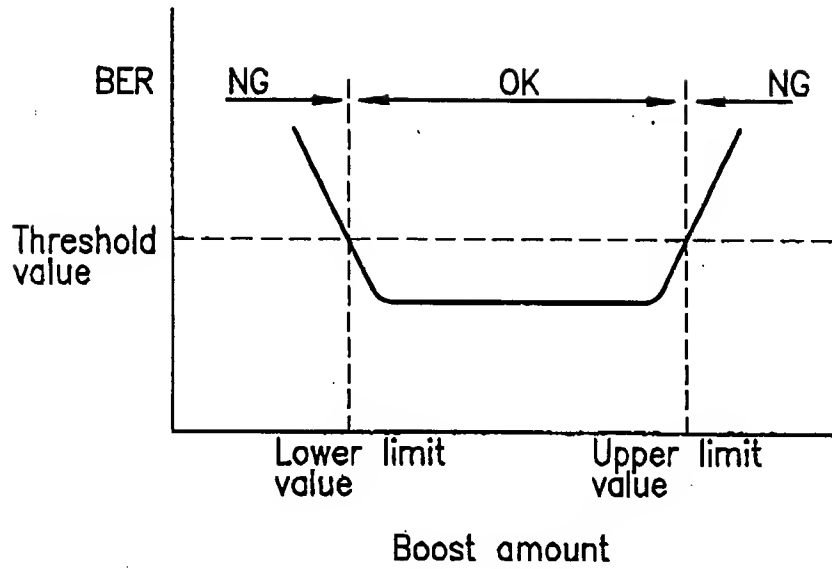
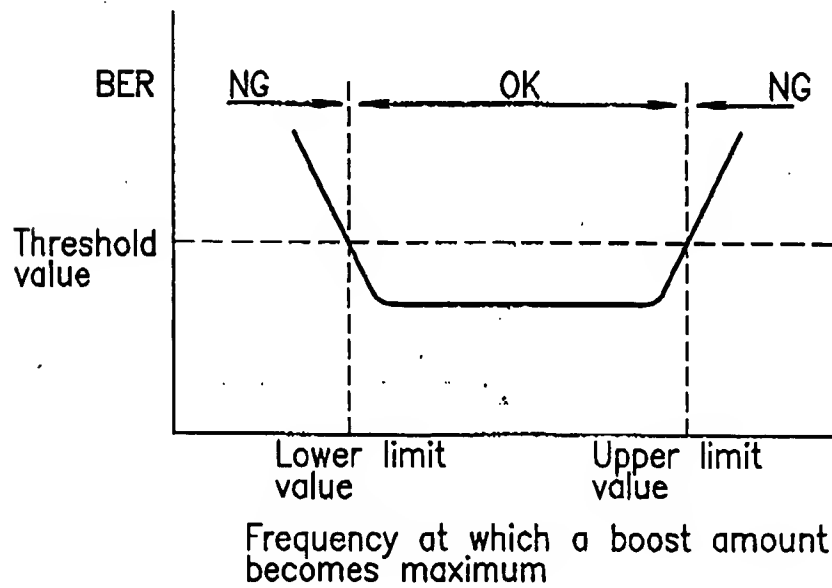
*FIG. 54A**FIG. 54B*

FIG. 55A

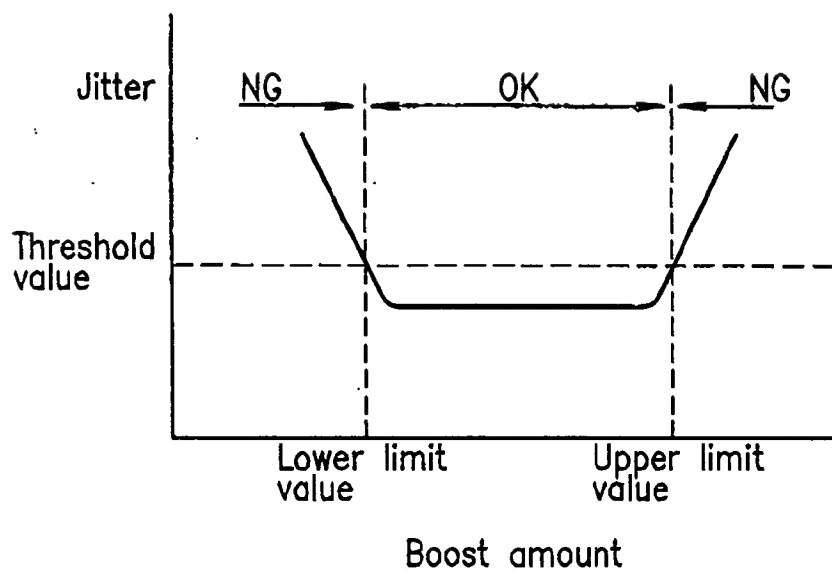


FIG. 55B

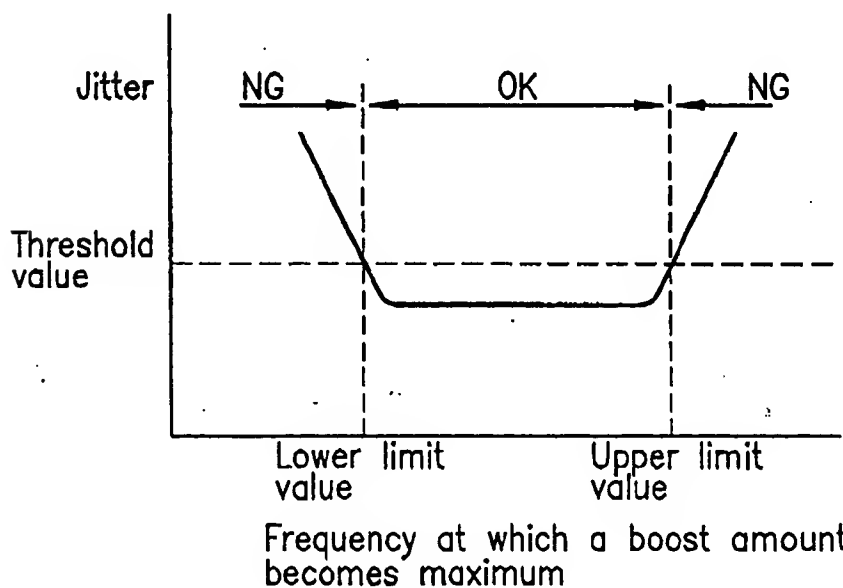




FIG. 56A

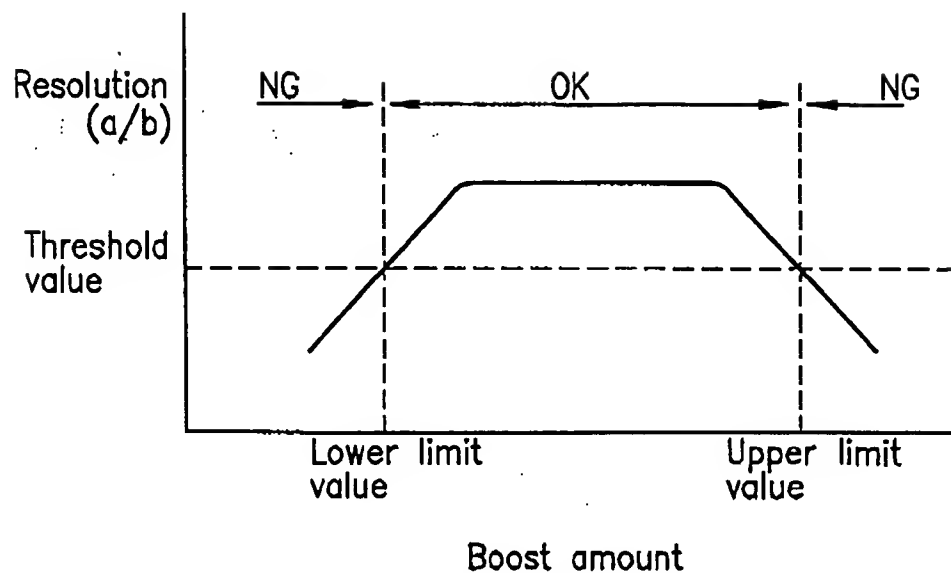
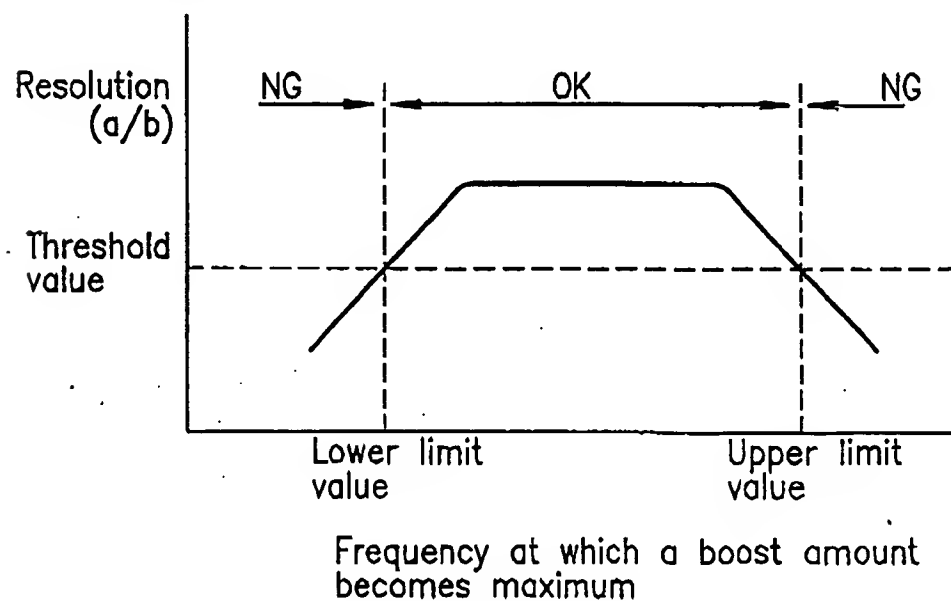
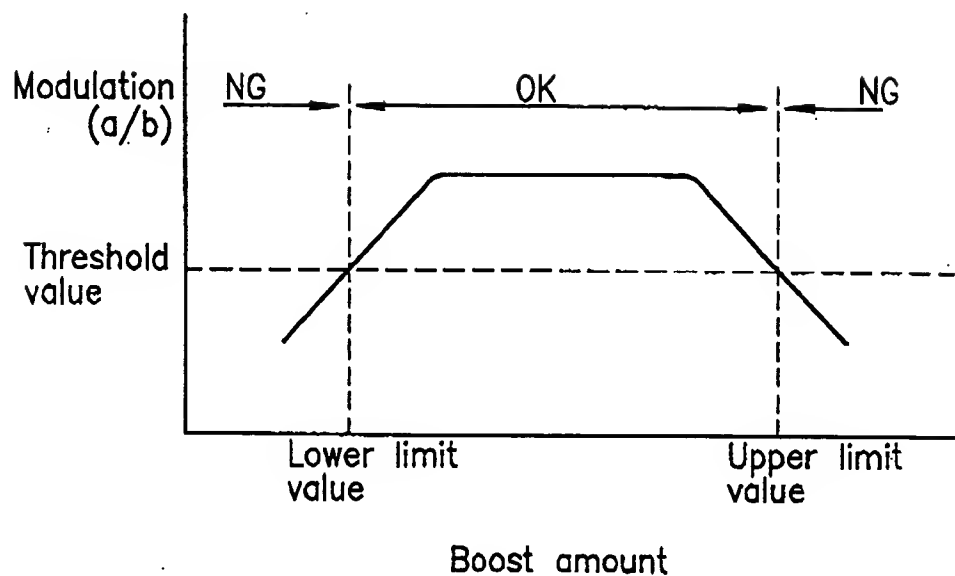
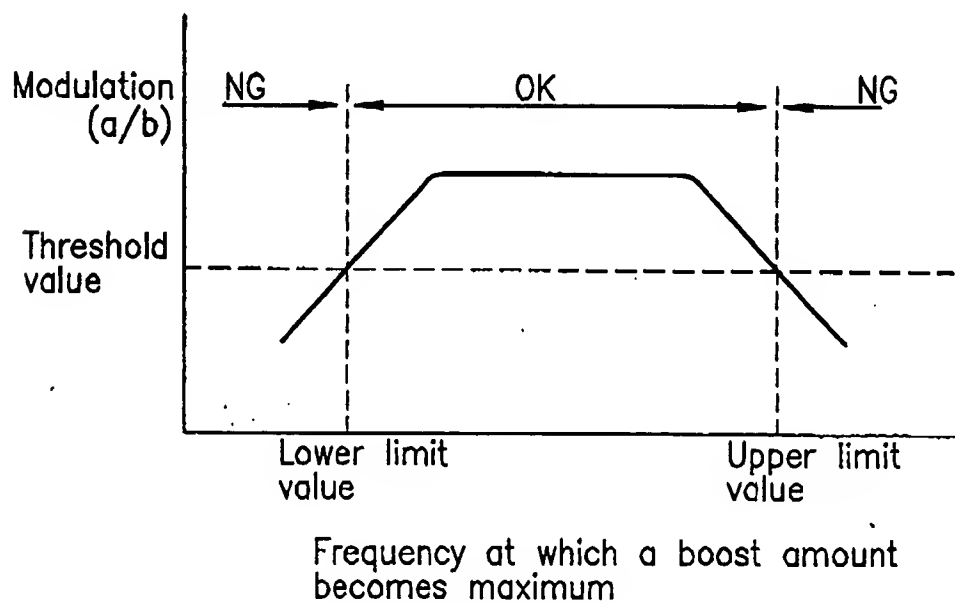


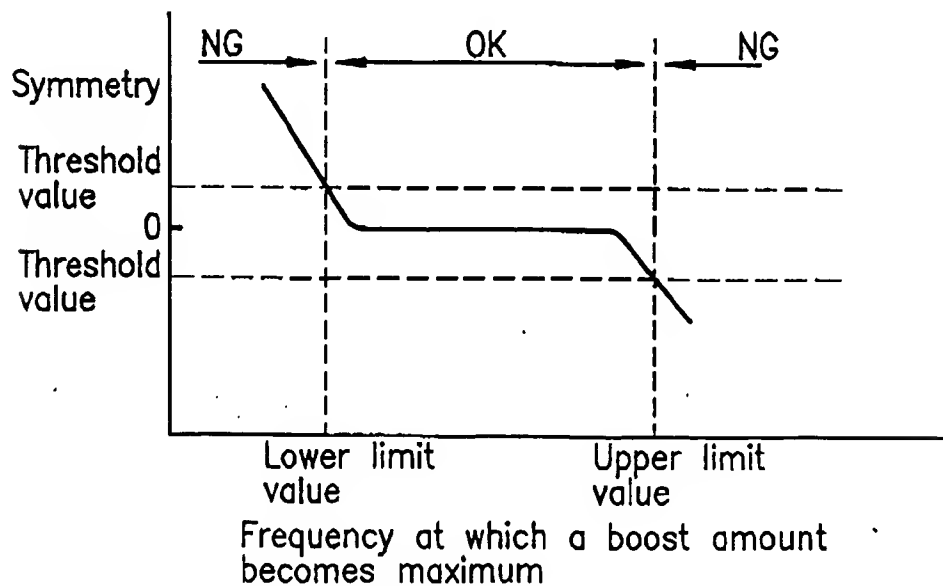
FIG. 56B



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**FIG. 57A****FIG. 57B**

**FIG. 58B**



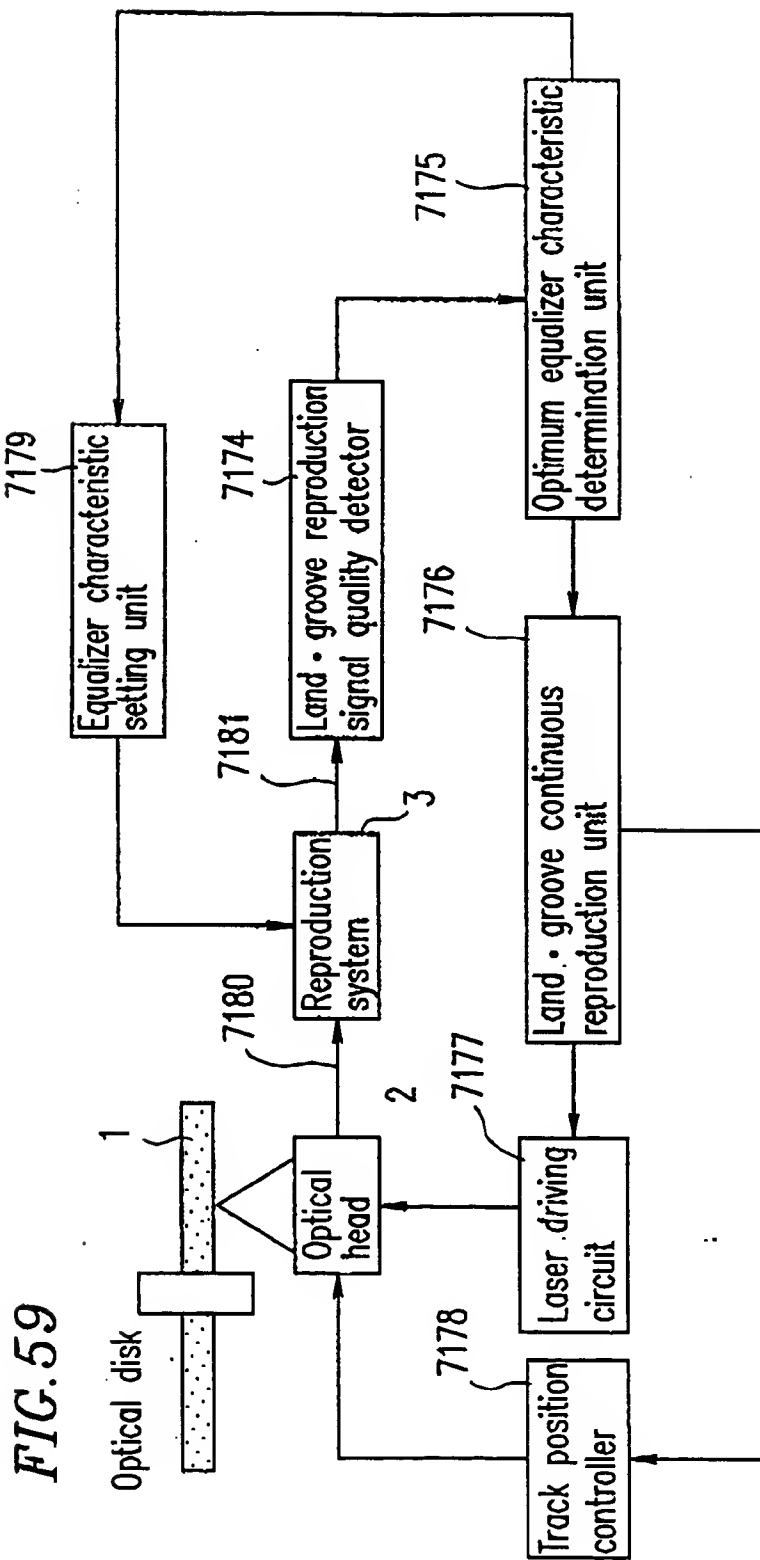
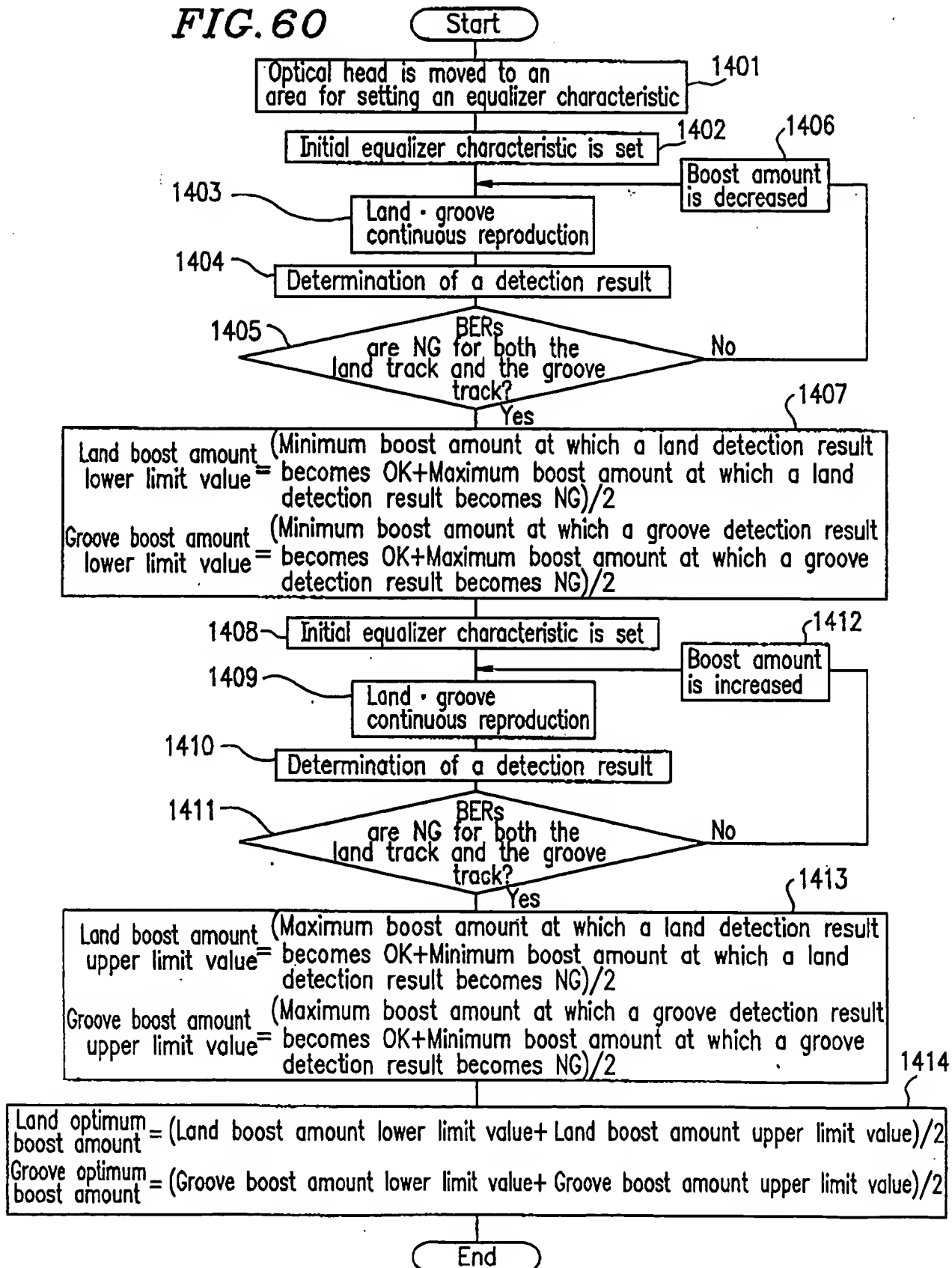


FIG. 60



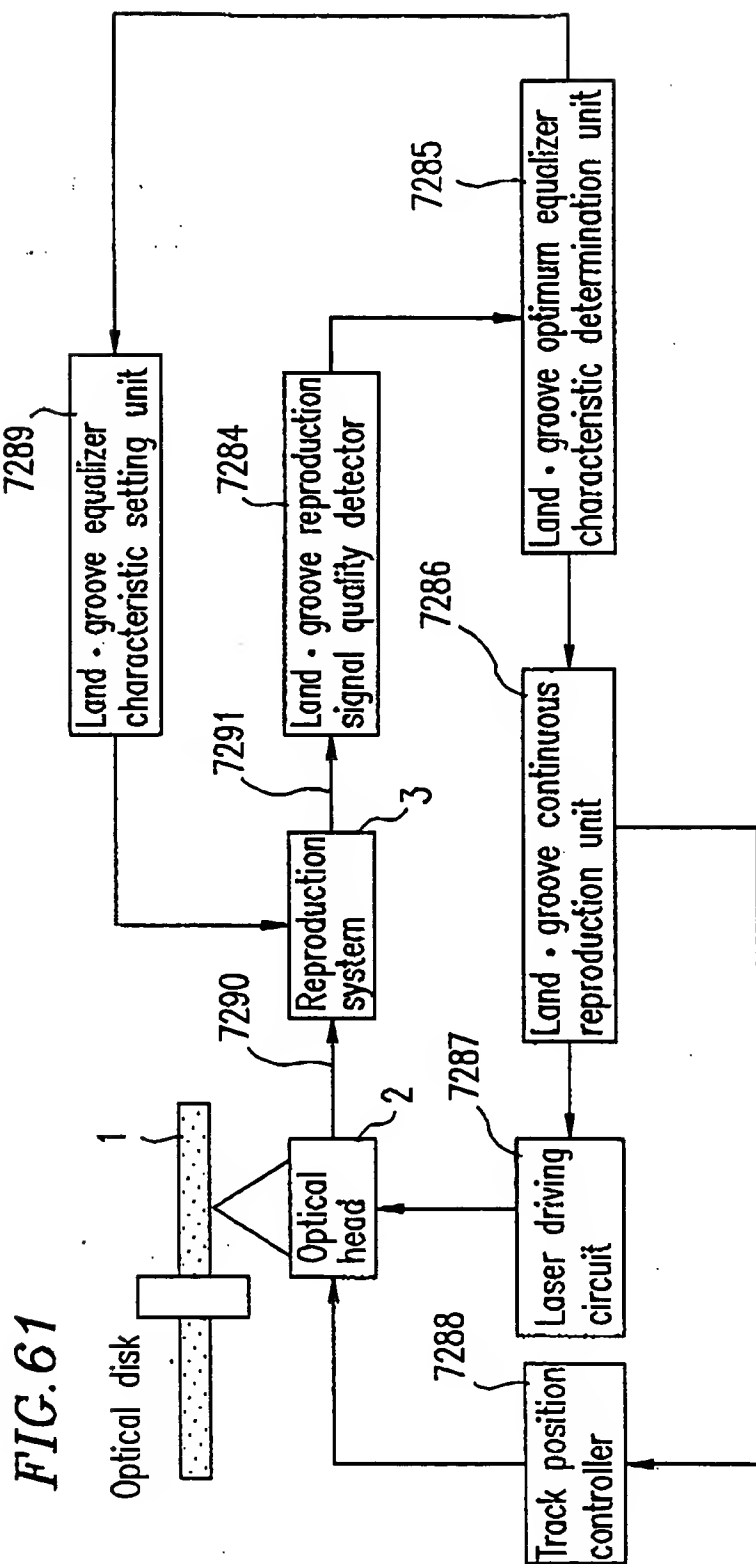
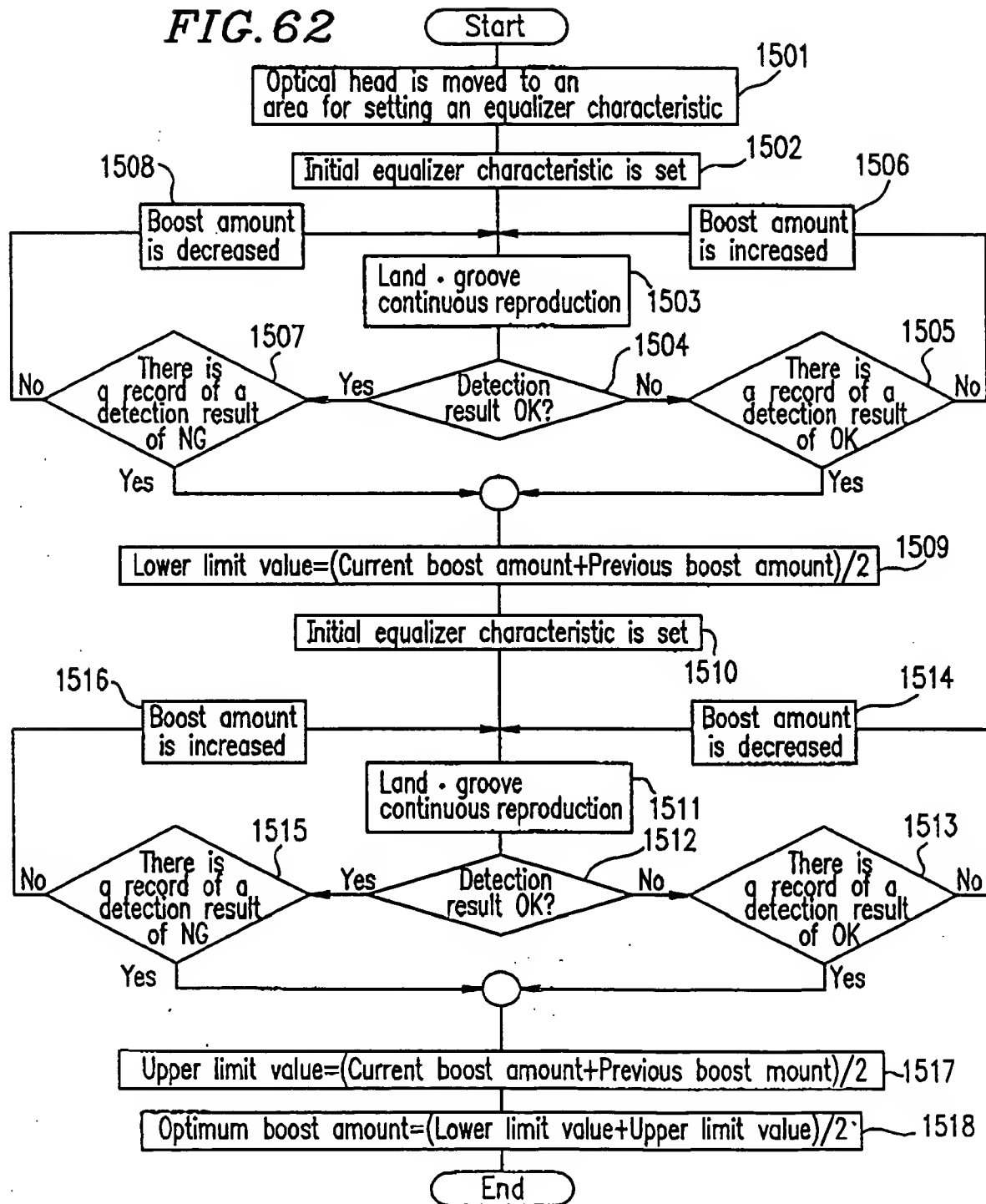
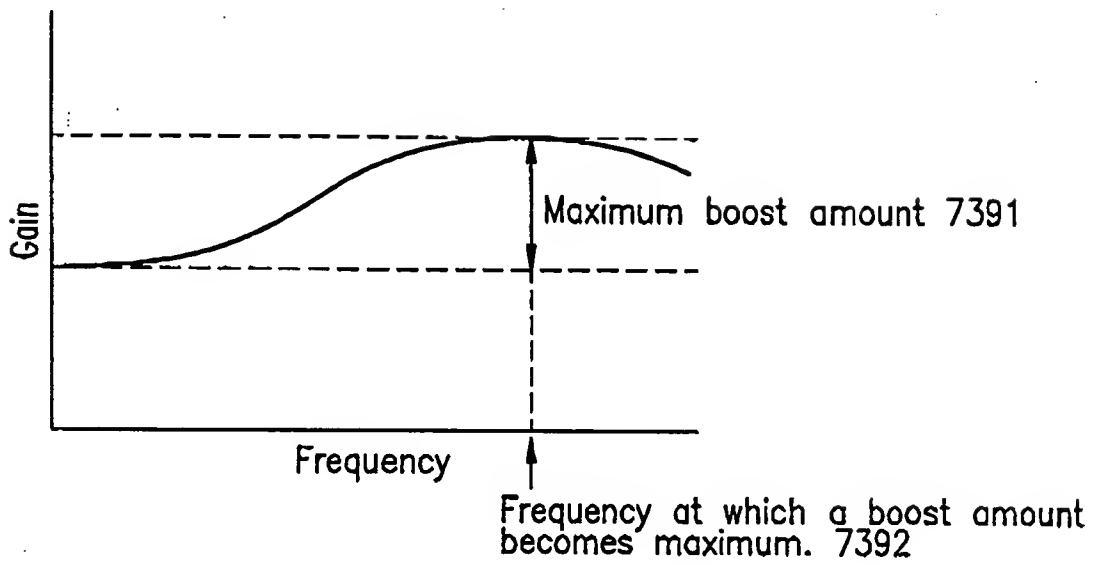


FIG. 62

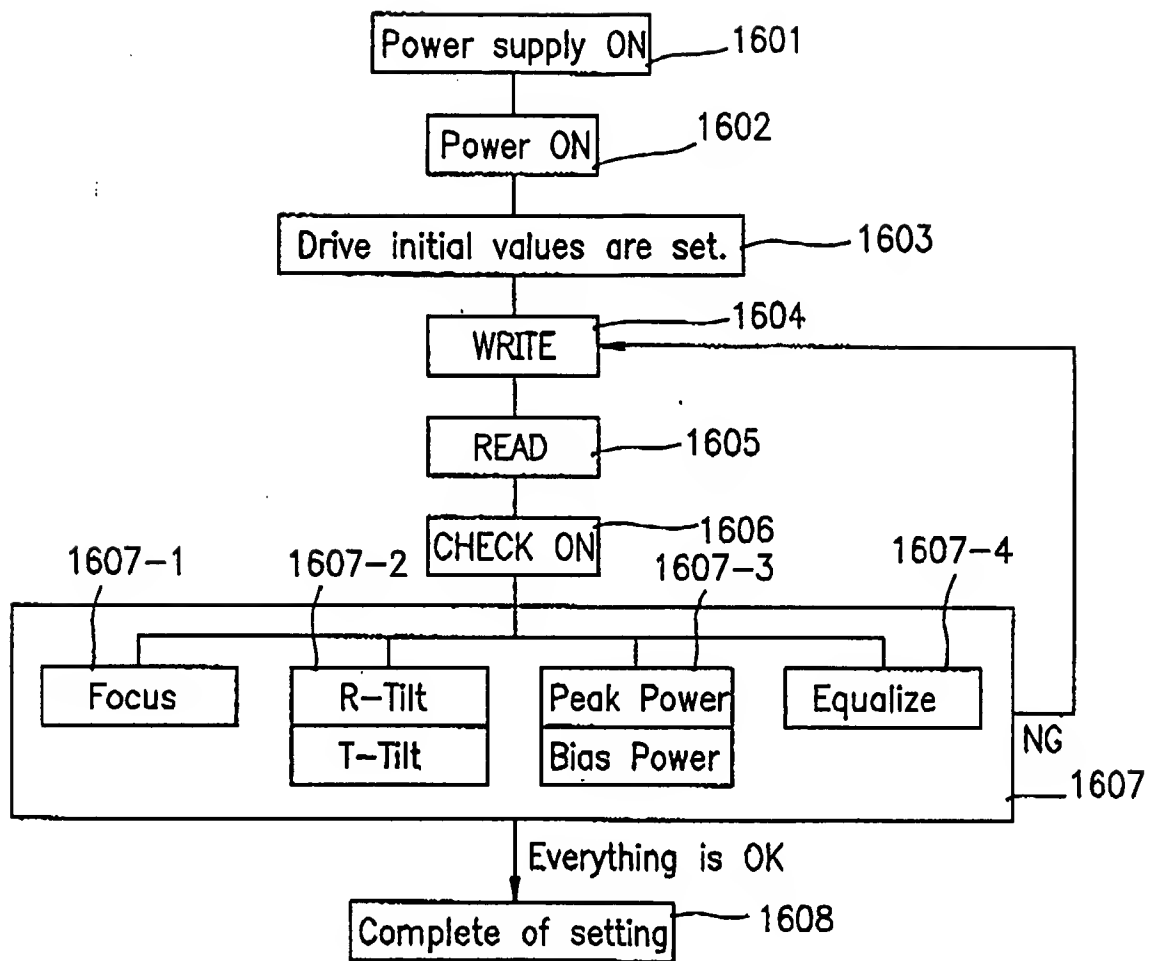


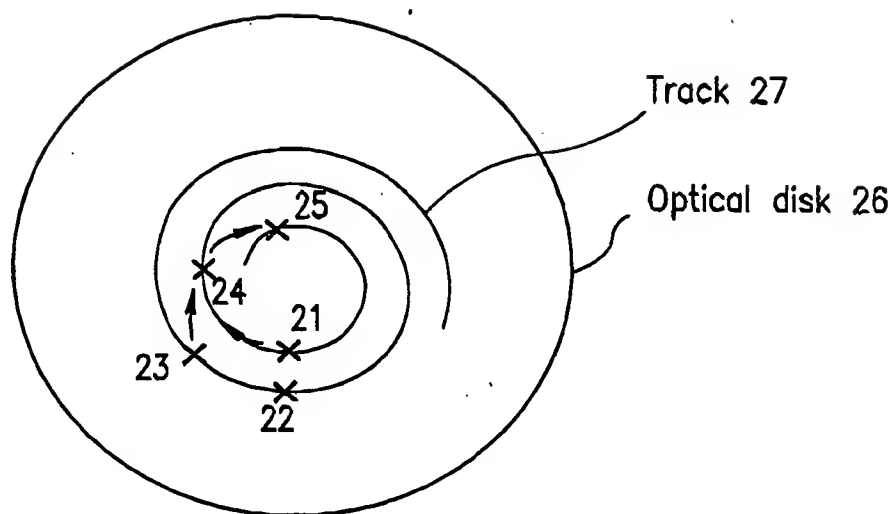
*FIG. 63*

Equalizer characteristic



FIG. 64

[illegible]

*FIG. 65**PRIOR ART*